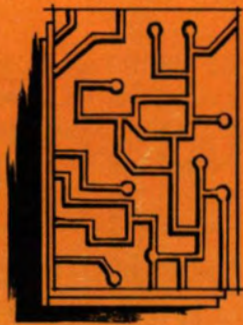


STANCOR

standard transformers for design engineers



ESSEX

Stancor transformers



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ESSEX INTERNATIONAL, INC. • CONTROLS DIVISION • STANCOR PRODUCTS
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LARGER QUANTITY REQUIREMENTS

Need transformers in a hurry for that rush job — (what other kind is there)? The probability is that STANCOR has the type you need — in stock and available for Immediate Delivery through Your Distributor. Here is the best, fastest and most economical way to solve your problem:

- Make your selections from this catalog. Chances are you will find just the ratings you need.
- Order samples from your STANCOR distributor. He has them in stock or, if momentarily out, can get them for you quickly from one of our six conveniently located warehouses.
- Try the samples in your prototype.
- If satisfactory in all respects, your STANCOR distributor can get production quantities, bulk-packed, from STANCOR's inventory At OEM Prices.
- Quantities of 100 to 499 will be quoted and invoiced by your STANCOR distributor but with drop-shipment to you from STANCOR. One shipment (no scheduling).
- Prices are f.o.b. Chicago **under \$500** and f.o.b. Destination **over \$500**.
- Requirements of 500 pieces or more per item will be quoted by your STANCOR distributor but shipped and invoiced by STANCOR. Therefore your purchase order should be issued in the STANCOR name, care of your STANCOR distributor who will relay it to us. This seemingly devious routing has been carefully planned to result in the fastest delivery and lowest cost to you.
- Quantities of 500-999 — one shipment.
- Quantities of 1000 and over per type may be released in up to four increments of 25% each over a maximum of one year. Each release **prepaid if over \$500**, otherwise **f.o.b. Chicago**.
- Orders for standard catalog items with modifications (as shown below) will be accepted in minimum quantities of 500 pieces for shipment at one time to one destination. The modifications are:

- A. Variation of lead length of standard lead wire.
 - B. Omission of end bells and/or magnetic shielding — or addition of same if practical.
 - C. Variation of standard bracket locations; that is, horizontal versus vertical mounting.
 - D. Nonhermetic-sealed enclosure within standard catalog parts structure. (Omission of/or added to open transformers, where practical.)
 - E. Where customer part numbers and/or special marking are required or special gray painting is involved.
 - F. Center tap secondary converted to four isolated leads or terminals.
 - G. Omission of one or more taps in multi-tap winding. Additional taps cannot be added.
- **TERMS ARE NET 30 DAYS.**

If you don't find exactly what you need in the STANCOR catalog, send your specifications to STANCOR, Chicago for quotation — or contact your local STANCOR representative for assistance. See the listing inside back cover.

NEED TV REPLACEMENT TRANSFORMERS (Yokes — Flybacks — Vertical Outputs — etc.)?

STANCOR is the largest independent supplier of TV replacement transformers in America. More TV service technicians rely on STANCOR replacement components than any other brand. See your local STANCOR distributor or write to STANCOR-Chicago (complete address elsewhere in this catalog) for a complimentary copy of the latest TV replacement guide and catalog.

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PTM-72	29	3	PTP-32	29	1	PTP-96	29	4	SD-150	51	3	TA-60	22	4
PTM-73	29	3	PTP-33	29	1	PTP-97	29	4	SD-250	51	3	TA-61	22	4
PTM-74	29	4	PTP-34	29	1	PTP-98	29	4	SD-500	51	3	TA-62	22	4
PTM-75	29	4	PTP-35	29	1	PTP-99	29	4	SD-1000	51	3	TA-63	24	2
PTM-76	29	4	PTP-36	29	1	PTP-100	29	4	SPCT-10	21	3	TAPC-5	24	5
PTM-77	29	4	PTP-37	29	1	PTP-101	29	4	TA-1	22	1	TAPC-19	24	3
PTM-78	29	4	PTP-38	29	2	PTP-102	29	4	TA-2	22	1	TAPC-26	24	3
PTM-79	29	4	PTP-39	29	2	PTP-103	29	4	TA-3	22	1	TAPC-27	24	3
PTM-80	29	4	PTP-40	29	2	PTP-104	29	4	TA-4	22	1	TAPC-28	24	3
PTM-81	29	4	PTP-41	29	2	PV-6441	51	4	TA-5	22	1	TAPC-30	24	3
PTM-82	29	4	PTP-42	29	2	PV-6442	51	4	TA-6	22	1	TAPC-31	24	4
PTM-83	29	4	PTP-43	29	2	PV-6443	51	4	TA-7	22	2	TAPC-32	24	4
PTM-84	29	4	PTP-44	29	2	PV-6444	51	4	TA-8	22	2	TAPC-34	24	4
PTM-85	29	4	PTP-45	29	2	R-63	41	5	TA-9	22	2	TAPC-35	24	4
PTM-86	29	4	PTP-46	29	2	R-65	41	6	TA-10	22	2	TAPC-36	24	4
PTM-87	29	4	PTP-47	29	2	R-103	41	5	TA-11	22	2	TAPC-38	24	4
PTM-88	29	4	PTP-48	29	2	R-105	41	6	TA-12	22	3	TAPC-47	24	6
PTM-89	29	4	PTP-49	29	2	RC-1055	40	3	TA-13	22	3	TAPC-52	24	6
PTM-90	29	4	PTP-50	29	2	RC-1085	41	1	TA-14	22	3	TAPC-63	24	6
PTM-91	29	4	PTP-51	29	2	RC-1540	40	1	TA-15	22	6	TC-1	43	1
PTM-92	29	4	PTP-52	29	2	RC-1555	40	3	TA-16	22	6	TC-2	43	1
PTM-93	29	4	PTP-53	29	3	RC-1585	41	1	TA-17	22	6	TP-1	48	2
PTM-94	29	4	PTP-54	29	3	RC-8105	41	1	TA-18	23	1	TP-2	48	2
PTM-95	29	4	PTP-55	29	3	RC-8150	41	2	TA-19	23	1	TP-3	48	2
PTM-96	29	4	PTP-56	29	3	RC-8200	41	3	TA-20	23	1	TP-4	48	2
PTM-97	29	4	PTP-57	29	3	RC-8250	41	4	TA-21	23	1	TP-5	48	2
PTM-98	29	4	PTP-58	29	3	RC-8300	41	5	TA-22	23	1	UME-11	21	4
PTM-99	29	4	PTP-59	29	3	RC-12105	41	1	TA-23	23	2	UME-12	21	4
PTM-100	29	4	PTP-60	29	3	RC-12150	41	3	TA-24	23	2	UME-13	21	4
PTM-101	29	4	PTP-61	29	3	RC-12200	41	4	TA-25	23	2	UME-14	21	4
PTM-102	29	4	PTP-62	29	3	RP-400	47	1	TA-26	23	2	UME-15	21	4
PTM-103	29	4	PTP-63	29	3	RP-600	47	1	TA-27	23	2	UME-16	21	4
PTM-104	29	4	PTP-64	29	3	RP-800	47	1	TA-28	23	2	UME-17	21	4
PTP-1	29	1	PTP-65	29	3	RP-1600	47	1	TA-29	23	3	UME-18	21	4
PTP-2	29	1	PTP-66	29	3	RP-2000	47	1	TA-30	23	3	UME-19	21	5
PTP-3	29	1	PTP-67	29	3	RP-2500	47	1	TA-31	23	3	UME-20	21	5
PTP-4	29	1	PTP-68	29	3	RS-1055	40	3	TA-32	23	3	UME-21	21	5
PTP-5	29	1	PTP-69	29	3	RS-1085	41	1	TA-33	23	3	UME-22	21	5
PTP-6	29	1	PTP-70	29	3	RS-1540	40	1	TA-34	23	4	UME-23	21	5
PTP-7	29	1	PTP-71	29	3	RS-1555	40	3	TA-35	23	4	UME-24	21	5
PTP-8	29	1	PTP-72	29	3	RS-1585	41	1	TA-36	23	4	UME-25	21	6
PTP-9	29	1	PTP-73	29	3	RS-8105	41	1	TA-37	23	4	UME-26	21	6
PTP-10	29	1	PTP-74	29	4	RS-8150	41	3	TA-38	23	4	UME-27	21	6
PTP-11	29	1	PTP-75	29	4	RS-8200	41	3	TA-39	24	1	UME-28	21	6
PTP-12	29	1	PTP-76	29	4	RS-8250	41	4	TA-40	24	1	UME-29	21	6
PTP-13	29	1	PTP-77	29	4	RS-8300	41	5	TA-41	24	1	UME-30	21	6
PTP-14	29	1	PTP-78	29	4	RS-12105	41	1	TA-42	24	1	UME-31	21	7
PTP-15	29	1	PTP-79	29	4	RS-12150	41	3	TA-43	24	1	UME-32	21	7
PTP-16	29	1	PTP-80	29	4	RS-12200	41	4	TA-44	24	2	UME-33	21	7
PTP-17	29	1	PTP-81	29	4	RT-201	44	1	TA-45	24	2	UME-34	21	7
PTP-18	29	1	PTP-82	29	4	RT-202	44	1	TA-46	24	2	UME-35	21	7
PTP-19	29	1	PTP-83	29	4	RT-204	44	1	TA-47	24	2	UME-36	21	7
PTP-20	29	1	PTP-84	29	4	RT-206	44	1	TA-48	22	5	UME-37	21	7
PTP-21	29	1	PTP-85	29	4	RT-208	44	1	TA-49	22	5	UME-38	21	7
PTP-22	29	1	PTP-86	29	4	RT-400	44	1	TA-50	22	5	UME-39	21	7
PTP-23	29	1	PTP-87	29	4	RT-401	44	1	TA-51	22	5	WF-20	19	1
PTP-24	29	1	PTP-88	29	4	RT-402	44	1	TA-52	24	1	WF-21	19	1
PTP-25	29	1	PTP-89	29	4	RT-408	44	1	TA-53	23	3	WF-22	19	1
PTP-26	29	1	PTP-90	29	4	RT-2012	44	1	TA-54	23	4	WF-28	19	2
PTP-27	29	1	PTP-91	29	4	RT-4012	44	1	TA-55	24	2	WF-30	19	2
PTP-28	29	1	PTP-92	29	4				TA-56	22	3	WF-35	19	2
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THESE HERMETICALLY SEALED UNITS AVAILABLE UNTIL STOCK IS DEPLETED.

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4PMS-85	58	5	BIH-7	55	5	FMS-210H	55	3	PHR-200	56	5	TAMS-10	56	3
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4PMS-150	58	5	BOH-2	55	4	HRP-400	57	1	PMS-150	55	2	TM-1A	57	2
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4RMS-270	58	7	FH-65	58	1	PE-700	57	3	RH-8105	57	2			

AUDIO TRANSFORMERS TECHNICAL NOTES

Audio Transformers operate on the same electro-magnetic induction principle as Power Transformers but generally over a fairly broad range of frequencies; instead of at a single power frequency, such as 60 Hertz. In common applications they may carry D.C. in one or more windings, transform Voltage and Current levels, act as an Impedance matching and coupling device or as a form of filter; passing only a limited range of frequencies (voice communication). Usually they perform more than just one of these functions simultaneously in a specific type of usage.

In some applications the frequency response, amount of magnetic shielding, maximum operating level, percentage of waveform distortion and insertion loss of the transformer are important.

The most commonly required electrical information pertaining to Audio Transformers is listed in this catalog wherever it applies, along with the physical mounting style, weight and

dimensions. Information not shown is often available upon request if it pertains to the normal intended type of usage for a specific item.

The Impedance values listed for each Audio Transformer are the Reflected Impedance (Primary) for the rated value of Load Impedance (Secondary), into which the transformer is designed to operate. The Impedance Ratio between Primary and Secondary is fixed; since it is equal to the square of the turns ratio, which remains the same for different operating conditions. Turns Ratios listed are for Total Primary to Secondary, with the exception of the Driver Transformers for use with tubes. These are listed for Primary to 1/2 Secondary operation and are typically used in Class "B" Amplifier applications.

Accuracy of turns ratios are maintained within plus or minus 3 percent. Center taps are accurate within plus or minus 1 percent. Values of Primary D.C. listed are maximum and in the case of push-pull operation with a center-tapped winding, are the maximum amount for each half of the winding, unless otherwise indicated.

HANDY METHOD FOR APPROXIMATING THE PRIMARY TO SECONDARY RATIO REQUIRED OF A DRIVER TRANSFORMER IN CLASS B OR AB₂ SERVICE

$$\text{Transformer ratio, primary: } \frac{1}{2} \text{ secondary} = \frac{\sqrt{PZ_L}}{0.35E_s}$$

Where: P = Driving power in watts required for tubes to be driven.

Z_L = Plate load impedance of driver tube(s) selected.

E_s = Peak grid-to-grid signal voltage required for tubes to be driven.

Factor values for this formula are data commonly found in tube manuals. Select driver tubes capable under typical operation of delivering 1.5 times the grid driving power requirements of the stage to be driven. Pentode or tetrode drivers should be operated with inverse feedback.

URNS/IMPEDANCE RATIOS

Turns Ratio "NR" may be expressed as the ratio of turns between the Primary and Secondary windings. It is also the Voltage Ratio between them and may be expressed as:

$$NR = \frac{N_{\text{sec.}}}{N_{\text{pri.}}} = \frac{E_{\text{sec.}}}{E_{\text{pri.}}}$$

Since the Impedance Ratio is equal to the square of the Turns Ratio:

$$(NR)^2 = ZR \text{ or } NR = \sqrt{\frac{Z_{\text{sec.}}}{Z_{\text{pri.}}}} \quad Z_{\text{sec.}} = (\sqrt{NR^2} \cdot NR)^2$$

Where: N_{sec.} = Number of Secondary Turns.

N_{pri.} = Number of Primary Turns.

E_{sec.} = Secondary Voltage.

E_{pri.} = Primary Voltage.

NR = Turns Ratio between windings.

Z = Impedance in Ohms.

ZR = Impedance Ratio between windings.

INSERTION LOSS

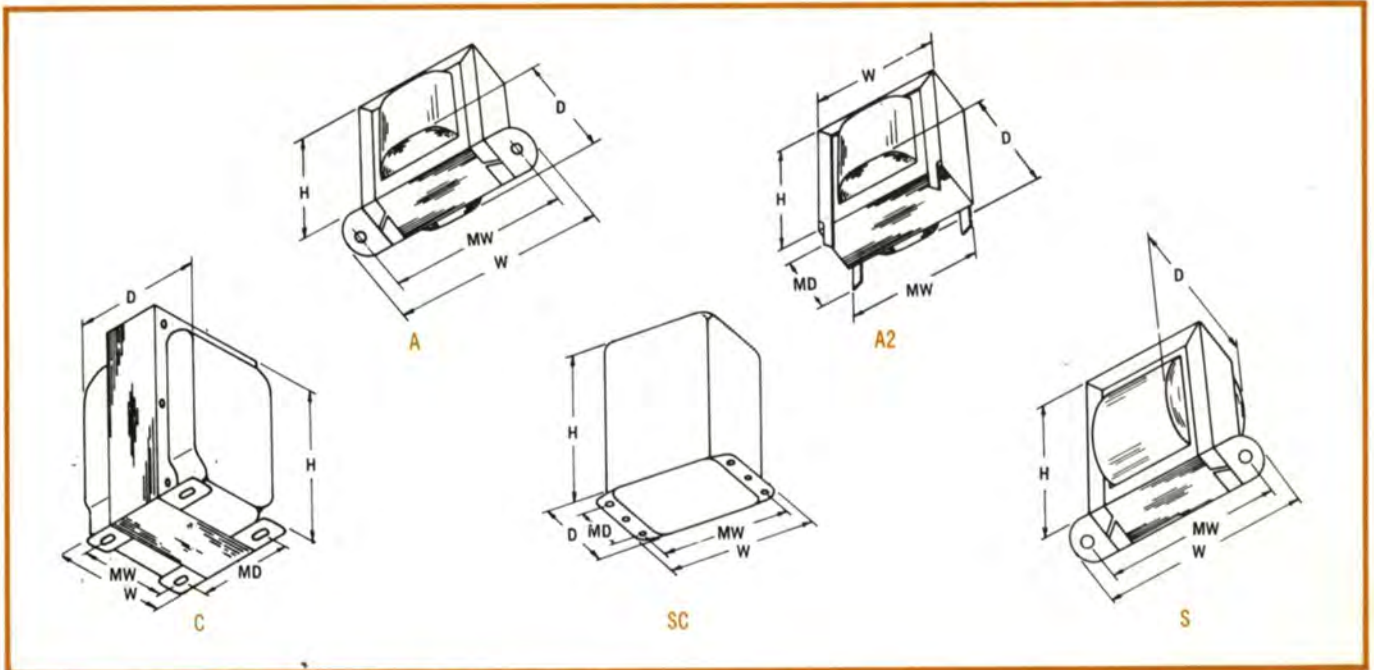
Insertion loss is expressed in Decibels (db) as a measure of efficiency, thusly:

$$\text{Insertion loss in db} = 10 \log \frac{P_{\text{input}}}{P_{\text{output}}}$$

Where P = power (in Watts).

If it is measured at mid-band Frequency it is a simple expression of the transformer efficiency. At other frequencies it includes the Frequency Response characteristics of the transformer for specific conditions.

AUDIO TRANSFORMERS

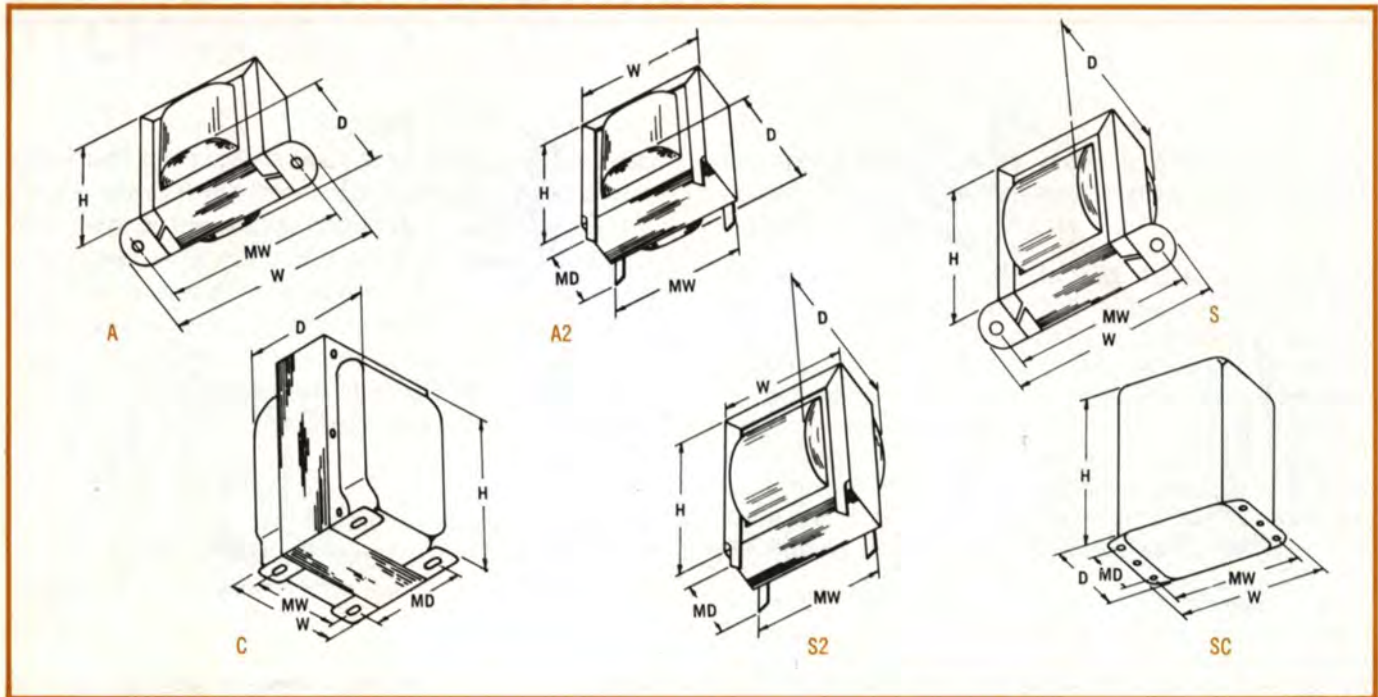


OUTPUT: SINGLE PLATE TO VOICE COIL AND/OR LINE

Section	STANCOR Part No.	Style	Impedance in Ohms		Max Pri. DCMA	Audio Watts	Termination		D.C. Resist.		Overall Turns Ratio	Frequency Response in Hz ±3 DB	RMS Test Voltage	Case Dimension			Mounting Dimension		Wt. Lbs.
			Pri.	Sec.			Pri.	Sec.	Pri. Ohms	Sec. Ohms				H	W	D	MW	MD	
1	A-8070	A	1000	4.0	90	4	Leads	Leads	20	0.27	16:1	200-15000	1000	1 3/8	2 3/8	1 1/2	2	—	0.4
	A-3332	A	2000	3.2	50	3	Leads	Leads	140	0.63	24.3:1	100-20000	1000	1 1/4	2 1/8	1 1/4	1 3/4	—	0.4
	A-3330	A	2000 a	3.5	60	5	Leads	Leads	225	0.56	25.7:1	60-20000	1000	1 3/8	2 3/8	1 1/2	2	—	0.4
	A-3876	A	2000	4.0	60	5	Leads	Leads	47	0.27	22.3:1	50-20000	1000	1 3/8	2 3/8	1 3/8	2	—	0.4
	A-3336	A	2500 b	3.5	50	5	Leads	Leads	200	0.56	28.1:1	200-20000	1500	1 3/8	2 3/8	1 5/8	2	—	0.4
	A-3328	A	4000	3.5	10	3	Leads	Leads	350	0.53	33.8:1	80-20000	1000	1 1/4	2 1/8	1 1/8	1 3/8	—	0.4
	A-2203	A	4000	8.0	40	5	Leads	Leads	210	0.34	23.4:1	100-20000	1000	1 5/8	2 7/8	1 1/2	2 3/8	—	0.7
2	A-3877	A	5000	4.0	40	5	Leads	Leads	125	0.30	35.2:1	200-20000	1000	1 3/8	2 3/8	1 3/8	2	—	0.4
	A-3309	A	5000	3-4	35	3	Leads	Leads	340	0.50	37.3:1	200-15000	1500	1 1/4	2 1/8	1 3/8	1 3/4	—	0.4
	A-8092	A	5000	3-4	50	8	Leads	Leads	300	0.43	37.5:1	200-20000	1500	1 5/8	2 7/8	1 1/2	2 3/8	—	0.5
	A-3337	S	5000	6-8	40	10	Leads	Leads	350	0.66	26:1	200-20000	1000	2 3/8	2 7/8	1 3/4	2 3/8	—	1.0
	A-3310	C	5000	500/15/8/4	55	20	Leads	Leads	400	40	3.22:1	50-20000	1500	3 1/8	2 1/2	2 3/4	2	1 3/4	2.5
	COC-1	SC	5000	600/150/16/8/4	55	5	Leads	Leads	260	29	2.83:1	200-3500	1500	3 1/8	3	2 1/2	2 1/8	1 3/4	2.25
	COS-1	SC	5000	600/150/16/8/4	55	5	Lugs	Lugs	260	29	2.83:1	200-3500	1500	3 1/8	3	2 1/2	2 1/8	1 3/4	2.25
A-4431	A2	6000	3-4	35	5	Leads	Leads	350	0.27	41:1	200-15000	1500	1 5/8	1 13/16	1 1/2	1 3/8	1 1/8	0.8	
3	A-3878	A	7000	4.0	30	5	Leads	Leads	350	0.43	42.1:1	200-20000	1000	1 3/8	2 3/8	1 1/4	2	—	0.4
	A-2313	A	7000	8.0	40	10	Leads	Leads	500	0.64	30:1	100-20000	1000	2	3 1/4	2	2 13/16	—	1.0
	A-3841	S	7000/6000/5000/4000/2500	500	60	10	Lugs	Lugs	265	27	3.74:1	200-10000	1500	2 3/4	3 1/8	2	2 13/16	—	1.5
	A-4770	S	7000/6000/5000/4000/2500	500	60	20	Leads	Lugs	550	55	3.75:1	200-10000	1000	3 1/8	3 5/8	2 1/8	3 1/8	—	2.4
	A-8114	A	7600	3.2	32	5	Leads	Leads	350	0.32	46:1	100-15000	1500	1 3/8	2 3/8	1 3/8	2	—	0.4
	A-3329	A	8000	3.5	10	3	Leads	Leads	500	0.51	49.1:1	200-15000	1000	1 1/4	2 1/8	1 1/8	1 3/4	—	0.4
4	COC-2	SC	8000	600/150/16/8/4	55	5	Leads	Leads	330	29	3.58:1	200-3500	1500	3 1/8	3	2 1/2	2 1/8	1 3/4	2.25
	COS-2	SC	8000	600/150/16/8/4	55	5	Lugs	Lugs	330	29	3.58:1	200-3500	1500	3 1/8	3	2 1/2	2 1/8	1 3/4	2.25
	A-3879	A	10000	4.0	30	5	Leads	Leads	275	0.28	49.7:1	200-20000	1000	1 3/8	2 3/8	1 3/8	2	—	0.4
	A-3881	A	15000	4.0	10	5	Leads	Leads	640	0.33	59.3:1	200-20000	1000	1 3/8	2 3/8	1 3/8	2	—	0.4
	A-3250	A	20000/10000/5000	500/332/200/125/50	15	5	Lugs	Lugs	1500	55	6.25:1	50-20000	1500	2	3 1/4	1 7/8	2 13/16	—	1.0
	A-3315	C	20000/10000/5000	500/332/200/125/50	35	20	Lugs	Lugs	1150	55	6.36:1	50-20000	1500	3 1/8	2 1/2	2 3/4	2	1 3/4	2.7
	A-3327	A	25000	4.0	5	5	Leads	Leads	1200	0.6	80.4:1	200-15000	1000	1 3/8	2 3/8	1 3/8	2	—	0.4

a Has 4.5% primary Tap b Has 3% and 6% primary Taps. c Has Tertiary Winding to provide 10% inverse feedback.

AUDIO TRANSFORMERS

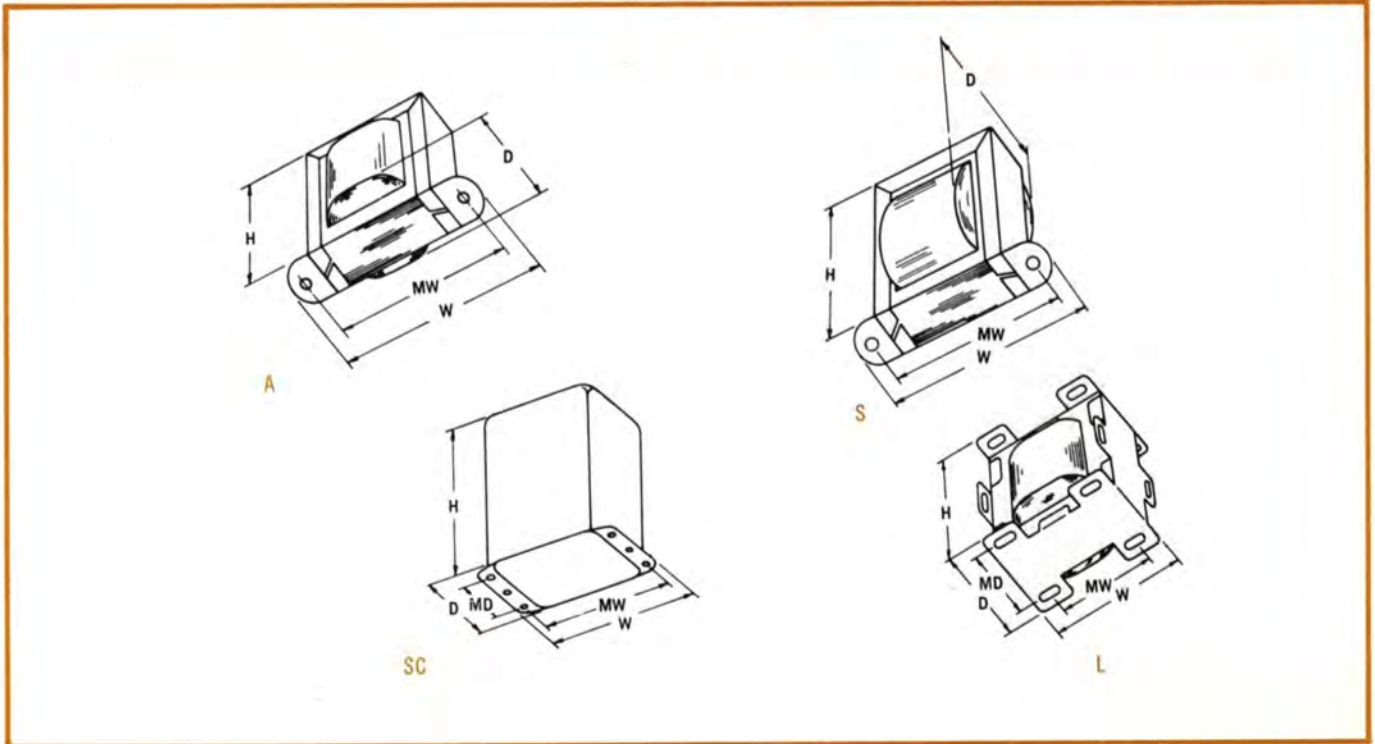


OUTPUT: PUSH-PULL PLATES TO VOICE COIL AND/OR LINE

Section	STANCOR Part No.	Style	Impedance in Ohms		Max Pri. DCMA	Audio Watts	Termination		D.C. Resist.		Overall Turns Ratio	Frequency Response in Hz ±3 DB	RMS Test Voltage	Case Dimension			Mounting Dimension		Wt. Lbs.
			Pri.	Sec.			Pri.	Sec.	Pri. Ohms	Sec. Ohms				H	W	D	MW	MD	
1	A-8098	C	2000 C.T.	32/16/8	140	15	Leads	Leads	115	1.5	7.7:1	100-15000	1500	3 1/8	2 1/2	3 1/4	2	2 1/4	3.3
	A-3802	C	3800/3300 C.T.	500/250/8/4	125	75	Leads	Leads	70	10	2.8:1	50-20000	2000	4 1/16	3 3/4	4	3	2 1/16	7.9
	A-8094	A	4000 C.T.	32/16/8	80	7.5	Leads	Leads	180	1.4	11.1:1	100-15000	1500	2 3/8	3 3/4	2 1/4	3 1/8	—	1.5
	A3851	C	4400 C.T.	500/250/15/8/4	70	30	Leads	Leads	335	20	3.16:1	50-20000	500	3 1/2	2 1/16	3 1/4	2 1/4	2	3.6
	A-3872	SC	5000 C.T.	15/8/4	75	18	Leads	Leads	200	1.1	18.2:1	70-15000	1500	2 1/16	2 3/4	2 1/4	2 3/8	1 1/2	1.7
	A-3800	C	5000 C.T.	500/250/15/8/4	80	30	Leads	Leads	280	21	3.12:1	20-20000	1500	3 1/2	2 1/16	3 1/4	2 1/4	2	3.7
2	A-3307	C	6000 C.T.	500/15/8/4	100	30	Leads	Leads	150	17	3.46:1	100-15000	1500	3 1/2	2 1/16	3 1/4	2 1/4	2	3.5
	PCO-200	SC	6000 C.T. c	600/150/16/8/4	250*	30	Leads	Leads	220	27	3.08:1	50-10000	2500	5 5/8	5 1/4	4 3/8	4 3/4	2 1/2	9.0
	PSO-200	SC	6000 C.T. c	600/150/16/8/4	250*	30	Lugs	Lugs	220	27	3.08:1	50-10000	2500	5 5/8	5 1/4	4 3/8	4 3/4	2 1/2	9.0
	A-3801	C	6600 C.T.	500/250/15/8/4	150	35	Leads	Leads	125	10	3.64:1	30-20000	2000	3 7/8	3 3/8	3 1/2	2 1/2	2 3/8	4.8
	A-3885	C	9000 C.T.	500/250/15/8/4	150	35	Leads	Leads	125	9.0	4.24:1	50-15000	1500	3 7/8	3 3/8	3 1/2	2 1/2	2 3/8	4.8
	A-4432	S2	10000 C.T.	4.0	50	10	Leads	Leads	350	0.2	50:1	100-10000	1500	2 3/8	1 1/16	1 5/8	1 1/8	1 1/8	1.0
	A-3304	C	10000/7000 C.T.	500/15/8/4	60	25	Leads	Leads	280	20	4.5:1	100-20000	2000	3 1/8	2 1/2	2 3/4	2	1 3/4	2.7
3	A-3311	C	10000 C.T.	500/15/8/4	70	25	Leads	Leads	450	22	4.47:1	60-20000	1500	3 1/2	2 1/16	3 1/4	2 1/4	2	3.5
	A-3831	A	10000 C.T.	8/4/2	40	5	Leads	Leads	300	0.67	35.7:1	100-15000	1000	1 5/8	2 7/8	1 3/4	2 3/8	—	0.7
	A-8093	A	10000 C.T.	3-4	40	10	Leads	Leads	500	0.46	53.7:1	100-15000	1500	1 5/8	2 7/8	1 1/2	2 3/8	—	0.7
	A-3335	S	10000 C.T.	6-8/3.2-4	40	10	Leads	Leads	550	0.5	36.2:1	100-15000	2000	2 3/8	2 7/8	2	2 3/8	—	1.0
	PCO-150	SC	10000 C.T. c	600/150/16/8/4	200*	15	Leads	Leads	475	30	3.94:1	50-10000	2500	4 1/4	4	3 1/4	3 1/2	2 1/4	5.0
	PSO-150	SC	10000 C.T. c	600/150/16/8/4	200*	15	Lugs	Lugs	475	30	3.94:1	50-10000	2500	4 1/4	4	3 1/4	3 1/2	2 1/4	5.0
	A-3839	SC	10000 C.T.	2000 and 15/8/4	30	10	Leads	Leads	650	300	2.45:1	100-15000	1500	2 1/16	2 3/4	2 1/4	2 3/8	1 1/2	1.3
PCO-150A	SC	12000 C.T.	600/150/16/8/4	200*	15	Leads	Leads	550	35	4.32:1	50-10000	2000	4 1/4	4	3 1/4	3 1/2	2 1/4	5.0	
4	A-2312	A	14000 C.T.	4.0	40	10	Leads	Leads	600	0.35	54:1	100-15000	1000	1 5/8	2 7/8	1 7/8	2 3/8	—	1.0
	A-3496	A	14000 C.T.	4.0	25	5	Leads	Leads	600	0.33	59.3:1	100-15000	1000	1 3/8	2 3/8	1 3/8	2	—	0.4
	A-3303	C	14000 C.T.	500/15/8/4	55	20	Leads	Leads	550	25	5.27:1	70-15000	1500	3 1/8	2 1/2	2 5/8	2	1 1/16	2.7
	A-3842	S	14000/12000/10000/8000 C.T.	500	55	10	Lugs	Lugs	450	30	5.28:1	100-12000	1500	2 3/4	3 1/8	2	2 1/16	—	1.7
	A-3250	A	20000 C.T.	500/333/200 125/50	15	5	Lugs	Lugs	1450	55	6.25:1	40-15000	1500	2	3 1/4	1 7/8	2 1/16	—	1.0
	A-3315	C	20000 C.T.	500/333/200 125/50	35	20	Lugs	Lugs	1100	55	6.36:1	50-9000	1500	3 1/8	2 1/2	2 3/4	2	1 1/16	2.7
	A-3857	A	25000 C.T.	4.0	10	5	Leads	Leads	1200	0.6	78.2:1	100-15000	1000	1 3/8	2 3/8	1 1/2	2	—	0.4

c Has Tertiary Winding to provide 10% inverse feedback. *Total for both halves.

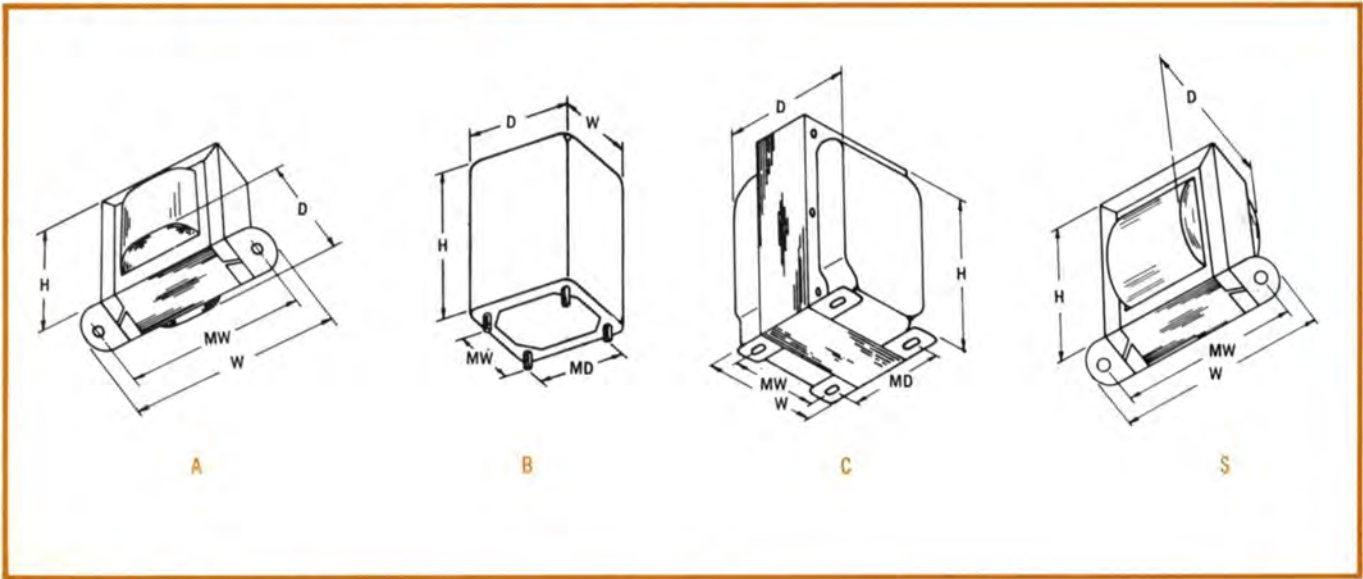
AUDIO TRANSFORMERS



UNIVERSAL OUTPUT: "POLY-PEDANCE" — SINGLE OR PUSH-PULL PLATES TO VOICE COIL

Section	STANCOR Part No.	Style	Impedance in Ohms		Max Pri. DCMA	Audio Watts	Termination		D.C. Resist.		Overall Turns Ratio	Frequency Response in Hz ±3 DB	RMS Test Voltage	Case Dimension			Mounting Dimension		Wt. Lbs.
			Pri.	Sec.			Pri.	Sec.	Pri. Ohms	Sec. Ohms				H	W	D	MW	MD	
1	A-3856	A	S. or P.P. Plates 4000 to 14000	.05 to 122	35	4	Leads	Lugs	300	1.2	18.3:1	—	1500	1 3/8	2 3/8	1 1/2	2	—	0.4
	A-3822	A	S. Plate 7000 to 10000	.7 to 4	35	4	Leads	Lugs	275	0.4	50:1	—	1000	1 3/8	2 3/8	1 3/8	2	—	0.4
	A-3848	A	S. Plate 7000 to 16000	.4 to 4	10	5	Leads	Lugs	975	0.5	60:1	—	1500	1 3/8	2 3/8	1 3/8	2	—	0.4
	A-3326	A	S. or P.P. Plates 1500 to 7000	.48 to 28.7	50	6	Leads	Lugs	240	0.9	18.7:1	—	1000	1 3/8	2 3/8	1 5/8	2	—	0.4
	A-3823	A	S. or P.P. Plates 4000 to 14000	.05 to 122	40	8	Leads	Lugs	525	2.2	18.2:1	—	1500	1 5/8	2 7/8	1 5/8	2 3/8	—	0.7
2	A-3850	S	S. or P.P. Plates 5000 to 14000	.05 to 122	40	8	Leads	Lugs	500	1.7	18.2:1	—	1000	2	2 3/8	1 5/8	2	—	0.7
	A-3825	A	S. Plate 1500 to 4500	.3 to 4	75	8	Leads	Lugs	140	0.9	25:1	—	1500	2	3 1/4	1 3/4	2 1/8	—	0.9
	A-3824	A	S. or P.P. Plates 6000 to 10000	.6 to 4	75	8	Leads	Lugs	175	0.5	44:1	—	1500	2	3 1/4	2	2 1/8	—	1.4
	A-3849	A	S. Plate 1500 to 10000	.02 to 21	55	10	Lugs	Lugs	260	1.4	18.2:1	—	1000	1 5/8	2 7/8	1 1/2	2 3/8	—	0.7
	A-3880	A	P.P. Plates 4000 to 14000	.02 to 122	40	15	Lugs	Lugs	350	1.0	18.2:1	—	1500	2 3/8	3 3/8	2 1/8	3 1/8	—	1.7
3	A-2855	L	P.P. Plates 4000 to 14000	.05 to 122	50	15	Lugs	Lugs	500	1.7	18.2:1	—	1000	2	2 3/8	1 3/4	1 1/2	1 3/8	1.0
	A-3890	SC	P.P. Plates 4000 to 14000	.05 to 122	50	15	Leads	Leads	500	1.7	18.2:1	—	1000	2 1/8	2 3/8	2 1/4	2 3/8	1 1/2	1.5
	A-3852	S	P.P. Plates 4000 to 14000	.05 to 122	40	18	Leads	Lugs	475	1.0	22.4:1	—	1500	2 3/8	2 7/8	2	2 3/8	—	1.3
	A-3870	A	P.P. Plates 4000 to 14000	.05 to 122	50	18	Lugs	Lugs	600	2.0	18.2:1	—	1500	2	3 1/4	2	2 1/8	—	1.3
	A-3830	S	P.P. Plates 3000 to 10000	.04 to 122	60	20	Leads	Lugs	170	0.7	18.2:1	—	1500	2 3/8	3 1/8	2 3/8	2 1/8	—	1.8

AUDIO TRANSFORMERS



OUTPUT: HIGH FIDELITY

Section	STANCOR Part No.	Style	Impedance in Ohms		Max Pri. DCMA	Audio Watts	Termination		D.C. Resist.		Overall Turns Ratio	Frequency Response in Hz ±1 DB	RMS Test Voltage	Case Dimension			Mounting Dimension		Wt. Lbs.
			Pri.	Sec.			Pri.	Sec.	Pri. Ohms	Sec. Ohms				H	W	D	MW	MD	
1	A-8050	C	1500 C.T.	16/8	200	50	Leads	Leads	62.3	0.9	9.7:1	20-20000	2000	4 1/4	3 1/8	4 1/4	2 3/4	3 3/8	6.5
	A-8060	C	1500 C.T.	500	200	50	Leads	Leads	59.1	22.0	18:1	20-20000	2000	4 1/4	3 1/8	4 1/4	2 3/4	3 3/8	6.5
	A8051	C	2500 C.T.	16/8	150	50	Leads	Leads	100	0.7	12:1	20-20000	2000	4 1/4	3 1/8	4 1/4	2 3/4	3 3/8	6.5
	A-8061	C	2500 C.T.	500	150	50	Leads	Leads	97.0	21.1	2.2:1	20-20000	2000	4 1/4	3 1/8	4 1/4	2 3/4	3 3/8	6.5
	A-8052	C	3000 C.T.	16/8	175	50	Leads	Leads	99.1	0.8	13:1	20-20000	2000	4 1/4	3 1/8	4 1/4	2 3/4	3 3/8	6.5
	A-8062	C	3000 C.T.	500	175	50	Leads	Leads	93.7	19.4	2.4:1	20-20000	2000	4 1/4	3 1/8	4 1/4	2 3/4	3 3/8	6.5
2	A-8053	C	5000 C.T.	16/8	150	50	Leads	Leads	155	0.75	5.5:1	20-20000	2000	4 1/4	3 1/8	4 1/4	2 3/4	3 3/8	6.5
	A-8063	C	5000 C.T.	500	150	50	Leads	Leads	158	19.5	3.2:1	20-20000	2000	4 1/4	3 1/8	4 1/4	2 3/4	3 3/8	6.5
	A-8056	C	6600 C.T.	16/8	125	50	Leads	Leads	235	0.75	20:1	20-20000	2000	4 1/4	3 1/8	4 1/4	2 3/4	3 3/8	6.5
	A-8066	C	6600 C.T.	500	125	50	Leads	Leads	237	19.3	3.5:1	20-20000	2000	4 1/4	3 1/8	4 1/4	2 3/4	3 3/8	6.5
	A-8072	C	7600 C.T. a	16/8/4	100	25	Leads	Leads	292	1.0	22:1	20-20000	2000	4 1/4	3 1/8	4 1/4	2 3/4	3 3/8	6.5
	A-8054	C	9000 C.T.	16/8	100	50	Leads	Leads	260	0.72	23:1	20-20000	2000	4 1/4	3 1/8	4 1/4	2 3/4	3 3/8	6.5
	A-8064	C	9000 C.T.	500	100	50	Leads	Leads	252	17.9	4.2:1	20-20000	2000	4 1/4	3 1/8	4 1/4	2 3/4	3 3/8	6.5

OUTPUT: HIGH FIDELITY

Section	STANCOR Part No.	Style	Impedance in Ohms		Max Pri. DCMA	Audio Watts	Termination		D.C. Resist.		Overall Turns Ratio	Frequency Response in Hz ±1.5 DB	RMS Test Voltage	Case Dimension			Mounting Dimension		Wt. Lbs.
			Pri.	Sec.			Pri.	Sec.	Pri. Ohms	Sec. Ohms				H	W	D	MW	MD	
3	B0-1	B	15000 b	600/150	10	.032	Lugs	Lugs	1650	52	4.6:1	30-20000	1500	3 1/8	2 1/2	2 3/8	1 1/8	1 1/8	2.25
	B0-2	B	20000 C.T.	600/150	10	1.0	Lugs	Lugs	600	16	5.5:1	30-20000	1500	3 1/2	2 7/8	2 1/8	2	1 7/8	3.0
	B0-5	B	10000 C.T.	600/150/16/8/4	45	5.0	Lugs	Lugs	310	33	4:1	30-20000	2000	3 7/8	3 1/4	3	2 3/8	2 1/8	4.0
	B0-6	B	7500 C.T.	20/8	80	20	Lugs	Lugs	360	0.9	19:1	30-20000	2500	4 3/8	3 1/8	3 3/8	2 5/8	2 3/8	5.75
	B0-9	B	5000/3000 C.T.	600/150/16/8/4	75	15	Lugs	Lugs	225	35	2.9:1	30-20000	2000	4 3/8	3 1/8	3 3/8	2 5/8	2 3/8	6.0

LINE TO VOICE COIL

Section	STANCOR Part No.	Style	Impedance in Ohms		Audio Watts	Termination		Specific Types		Frequency Response in Hz ±3 DB	RMS Test Voltage	Case Dimension			Mounting Dimension		Wt. Lbs.	
			Pri.	Sec.		Pri.	Sec.	D.C. Resist. Pri. Ohms	Sec. Ohms			Overall Turns Ratio	H	W	D	MW		MD
4	A-8104	S	3000/2000/1500/1000/500	4/8/16	10	Lugs	Lugs	175	1.5	12.8:1	50-15000	1500	2 3/8	2 7/8	1 3/4	2 3/8	—	1.5
	A-3882	C	500/333/250	4/8/15	25	Lugs	Lugs	33	0.9	5.85:1	50-15000	1000	3 1/8	2 1/2	2 7/8	2	1 1/8	2.4
	A-3818	S	1500/1000/500	4/8/15	25	Lugs	Lugs	60	0.9	9.9:1	60-20000	1500	3 1/8	3 3/8	2 1/8	3 1/8	—	2.2
	A-3883	S	500	4/6/8/15	25	Lugs	Lugs	24	1.0	5.75:1	50-15000	1500	2 3/8	2 7/8	1 3/4	2 3/8	—	1.1
	A-8101	A	500	3.2/6-8	5	Lugs	Leads	40	0.5	8.8:1	60-20000	1000	1 3/8	2 3/8	1 3/8	2	—	0.4
	A-7947	A	2000/1500/1000/500	3.2/6-8	8	Lugs	Lugs	150	0.8	17.2:1	60-15000	1500	1 1/8	2 7/8	1 1/8	2 3/8	—	0.7
	A-7949	S	2000/1500/1000/500	3.2/6-8	12	Lugs	Lugs	120	0.8	17.7:1	50-15000	1500	2 3/8	2 7/8	1 3/4	2 3/8	—	1.1
	A-3837	S	500	.06 to 48	15	Lugs	Lugs	50	0.4	7.9:1	60-15000	1500	2 3/8	2 7/8	2	2 3/8	—	1.4

a. Has Screen grid taps on primary. b. Has Tertiary Winding to provide 15% inverse feedback. c. Has cathode feedback Winding

AUDIO TRANSFORMERS

25 VOLT LINE TO VOICE COIL

Section	STANCOR Part No.	Style	Impedance in Ohms		Power Steps in Watts	Termination		D.C. Resist.		Over-all Turns Ratio	Frequency Response in Hz ±3 DB	RMS Test Voltage	Case Dimension			Mounting Dimension		WT. Lbs.
			Pri.	Sec.		Pri.	Sec.	Pri. Ohms	Sec. Ohms				H	W	D	MW	MD	
1	A-8096	S	78/156/312/625/1250	4/8/16	8/4/2/1/0.5	Lugs	Lugs	72	1.0	8.8:1	30-20000	1000	2	2 3/8	1 5/8	2	—	0.65
	A-8097	S	39/78/156/312/625/1250	4/8/16	16/8/4/2/1/0.5	Lugs	Lugs	60	1.1	8.68:1	30-20000	1000	2 3/8	3 1/8	2 1/4	2 1/8	—	1.6
	A-8095	A	125/250/500/1000/2000	4/8	5/2.5/1.25/.62/.31	Lugs	Lugs	100	0.6	15.6:1	30-20000	1000	1 3/8	2 3/8	1 1/2	2	—	0.4
	A-8099	A	312/625/1250	4/8	2/1/0.5	Lugs	Lugs	85	0.6	12.2:1	50-15000	1000	1 1/4	2 1/8	1 3/8	1 3/4	—	0.3
	A-8087	A	312/625/1250	8	2/1/0.5	Leads	Leads	85	0.7	12.2:1	40-15000	1000	1 3/8	2 3/8	1 3/8	2	—	0.4
	A-4790	A	500/1000/2000	8	1.25/.62/.31	Lugs	Lugs	99	0.6	15.6:1	40-15000	1000	1 3/8	2 3/8	1 1/2	2	—	0.4
	A-4791	A	125/250/500	8	5/2.5/1.25	Lugs	Lugs	46	0.6	7.8:1	40-15000	1000	1 3/8	2 3/8	1 1/2	2	—	0.4
	A-4793	S	78/156/312/625/1250	8	8/4/2/1/0.5	Lugs	Lugs	68	0.7	11.9:1	40-15000	1000	2	2 3/8	1 5/8	2	—	0.65
2	A-4795	S	39/78/156/312/625/1250	8	16/8/4/2/1/0.5	Lugs	Lugs	60	0.8	11.7:1	20-20000	1000	2 3/8	3 1/8	2 1/4	2 1/8	—	1.6
	A-8088	A	156/312/625/1250/2500/5000	8	4/2/1/1/5/.25/.12	Leads	Leads	130	0.5	24.3:1	40-20000	1000	1 5/8	2 7/8	1 5/8	2 3/8	—	0.7
	A-4797	A	156/312/625/1250/2500	8	4/2/1/1/5/.25	Lugs	Lugs	85	0.5	17:1	40-20000	1000	1 5/8	2 7/8	1 5/8	2 3/8	—	0.7
	A-4798	A	62.5/125/250	8	10/5/2.5	Lugs	Lugs	18	0.7	5.4:1	30-20000	1000	1 5/8	2 7/8	1 5/8	2 3/8	—	0.5
	A-4792	A	125/250/500/1000/2000	4	5/2.5/1.25/.62/.31	Lugs	Lugs	100	0.4	21.7:1	40-15000	1000	1 3/8	2 3/8	1 1/2	2	—	0.4
	A-4794	S	78/156/312/625/1250	4	8/4/2/1/0.5	Lugs	Lugs	66	0.5	16.8:1	40-15000	1000	2	2 3/8	1 5/8	2	—	0.65
	A-4796	S	39/78/156/312/625/1250	4	16/8/4/2/1/0.5	Lugs	Lugs	60	0.6	16.7:1	30-20000	1000	2 3/8	3 1/8	2 1/4	2 1/8	—	1.6

70.7 VOLT LINE TO VOICE COIL

3	A-8102	S	625/1250/2500/5000/10000	4/8/16	8/4/2/1/0.5	Lugs	Lugs	670	1.0	24.9:1	50-20000	1000	2	2 3/8	1 5/8	2	—	0.7
	A-8103	S	312/625/1250/2500/5000/10000	4/8/16	16/8/4/2/1/0.5	Lugs	Lugs	585	1.1	24.5:1	40-15000	1000	2 3/8	3 1/8	2 1/4	2 1/8	—	1.5
	A-8105	A	1000/2000/4000/8000/16000	4/8	5/2.5/1.25/.62/.31	Lugs	Lugs	950	0.6	44.2:1	50-20000	1000	1 3/8	2 3/8	1 1/2	2	—	0.4
	A-8109	A	2500/5000/10000	4/8	2/1/0.5	Lugs	Lugs	800	0.6	34.9:1	50-15000	1000	1 1/4	2 1/8	1 3/8	1 3/4	—	0.3
	A-8080	A	1000/1250/1667/2500/5000	8/16	5/4/3/2/1	Lugs	Lugs	275	1.5	17.2:1	50-20000	1000	1 3/8	2 3/8	1 1/2	2	—	0.4
	A-8082	S	333/357/384/417/455	8/16	15/14/13/12/11	Lugs	Lugs	30	1.1	5.1:1	50-20000	1000	2 3/8	2 7/8	1 3/4	2 3/8	—	1.2
	A-8081	S	500/555/625/715/833	8/16	10/9/8/7/6	Lugs	Lugs	70	1.3	6.86:1	50-20000	1000	2	2 3/8	1 5/8	2	—	0.7
	4	A-8083	A	2500/5000/10000	8	2/1/0.5	Leads	Leads	635	0.7	34.7:1	50-20000	1000	2	2 3/8	1 3/8	2	—
A-4781		A	1000/1250/1667/2500/5000	8	5/4/3/2/1	Lugs	Lugs	260	1.0	24.4:1	50-20000	1000	1 3/8	2 3/8	1 1/2	2	—	0.4
A-4782		S	333/357/384/417/455	8	15/14/13/12/11	Lugs	Lugs	28	0.8	7.15:1	40-20000	1000	2 3/8	2 7/8	1 3/4	2 3/8	—	1.2
A-8084		A	1250/2500/5000/10000/20000/40000	8	4/2/1/1/5/.25/.12	Leads	Leads	1150	0.4	67.6:1	50-20000	1000	1 5/8	2 7/8	1 5/8	2 3/8	—	0.7
A-4783		A	1250/2500/5000/10000/20000	8	4/2/1/1/5/.25	Lugs	Lugs	800	0.4	48:1	50-20000	1000	1 5/8	2 7/8	1 5/8	2 3/8	—	0.7
A-4784		S	500/625/833	8	10/8/6	Lugs	Lugs	65	0.8	9.7:1	50-20000	1000	2	2 3/8	1 5/8	2	—	0.7
A-4785		S	625/1250/2500/5000/10000	8	8/4/2/1/0.5	Lugs	Lugs	600	0.7	33.7:1	50-20000	1000	2	2 3/8	1 5/8	2	—	0.7
A-4787		A	4000/8000/16000	8	1.25/.62/.31	Lugs	Lugs	950	0.6	44.2:1	50-15000	1000	1 3/8	2 3/8	1 1/2	2	—	0.4
5	A-4789	A	1000/2000/4000	8	5/2.5/1.25	Lugs	Lugs	450	0.6	22.1:1	50-15000	1000	1 3/8	2 3/8	1 1/2	2	—	0.4
	A-4799	A	500/1000/2000	8	10/5/2.5	Lugs	Lugs	130	0.9	14.7:1	50-20000	1000	1 5/8	2 3/4	1 5/8	2 3/8	—	0.5
	A-4786	S	625/1250/2500/5000/10000	4	8/4/2/1/0.5	Lugs	Lugs	585	0.5	47.4:1	50-20000	1000	2	2 3/8	1 5/8	2	—	0.7
	A-4788	A	1000/2000/4000/8000/16000	4	5/2.5/1.25/.62/.31	Lugs	Lugs	900	0.4	61.3:1	50-15000	1000	1 3/8	2 3/8	1 1/2	2	—	0.4
	A-8076	S	250/500/1000/2000	4/8/16	20/10/5/2.5	Lugs	Lugs	65	0.7	11.2:1	50-20000	1000	2 3/8	2 7/8	1 7/8	2 3/8	—	1.0
	A-8077	S	208/416/833/1666/3333	4/8/16	24/12/6/3/1.5	Lugs	Lugs	63	0.7	14:1	40-20000	1000	2 3/8	3 1/8	2	2 1/8	—	1.5
	A-8078	S	167/250/500/1000	4/8/16	30/20/10/5	Lugs	Lugs	35	0.8	8:1	40-20000	1500	2 3/8	2 7/8	1 3/4	2 3/8	—	1.0
	A-8079	S	100/125/200/333	4/8/16	50/40/25/15	Lugs	Lugs	22	1.2	4.46:1	40-20000	1000	2 3/8	2 7/8	2	2 3/8	—	1.4

140 VOLT LINE TO VOICE COIL

6	A-8108	A	4000/8000/16000/32000	4/8	5/2.5/1.25/.62	Lugs	Lugs	2000	0.7	64.2:1	40-15000	1000	1 3/8	2 3/8	1 1/2	2	—	0.4
	A-8106	S	2500/5000/10000/20000	4/8/16	8/4/2/1	Lugs	Lugs	1250	1.0	35.3:1	40-15000	1000	2	2 3/8	1 5/8	2	—	0.7
	A-8107	S	1250/2500/5000/10000/20000	4/8/16	16/8/4/2/1	Lugs	Lugs	1100	1.2	36.1:1	30-20000	1000	2 3/8	3 1/8	2	2 1/8	—	1.8

OUTPUT TRANSFORMERS

TECHNICAL DATA FOR CONSTANT VOLTAGE TYPES

The Constant Voltage Line Sound Distribution Systems have become the most widely accepted systems in use today. They offer the Sound Engineer an easy means of establishing the volume level of each speaker in a system without the use of potentiometers or similar devices. The proven simplicity and versatility of these systems minimize the problem of speaker impedance mismatching thereby insuring high quality sound reproduction and minimum power losses. The use of higher power driving the constant voltage lines also helps to lower power losses over longer distances.

Most of the newer P. A. amplifiers have a designated 25 volt, 70.7 volt or 140 volt outlet on the output transformer, but almost any older amplifier has an impedance tap which may be used for the desired voltage output.

To insure a steady maintenance of the desired line voltage, it is recommended that the amplifier should be capable of producing 1½ times the total power of the various speakers connected. Hence, if the sum of the speakers equals 25 watts, the driving amplifier should be capable of producing 37½ watts. The power and impedance figures shown here with the formulas are based on the total power actually supplied to the speakers and not on the maximum capability of the amplifier.

The following table lists various amplifier power outputs with the corresponding impedance tap on the output transformer which will supply these three basic line voltages:

Watts Power Output	Impedance For 140 Volt Line	Impedance For 70.7 Volt Line	Impedance For 25 Volt Line
5	4,000	1,000	125
10	2,000	500	62.5
15	3,333	333	41.7
20	1,000	250	31.2
25	800	200	25
30	666	166	21
40	500	125	15.6
50	400	100	12.5
60	333	83	10.5
80	250	62.5	7.8
100	200	50	6.3

For power ratings not shown in this table, use the following formula:

$$Z = E^2/W$$

$$Z = \text{Ohms}$$

$$E = \text{Volts}$$

$$W = \text{Watts Output}$$

Impedance Tap for: 140 volt line = 20,000/W
70.7 volt line = 5,000/W
25 volt line = 625/W

To establish the volume level of the various speakers in the system, it is necessary to know the power output of the amplifier and the power desired at each speaker. To choose the correct line transformers, match the power to be delivered to each speaker with the power tap on the line transformer. Then connect the primaries of the line transformers in parallel to the proper voltage tap on the output transformer of the amplifier. When the sum of the power ratings shown on each line transformer is equal to the power rating of the amplifier, and the speakers are connected to the appropriate secondary taps, the system is correctly matched.

To determine the proper tap on the primary of the line transformer for a given wattage input to the speaker, use the formula:

$$Z = E^2/W$$

EXAMPLE: In a 70.7 volt system assume that the speaker requires 5 watts. What is the impedance of the tap required to produce this wattage?

$$Z = E^2/W = 70.7 \times 70.7 / 5 = 5,000 / 5 = 1,000 \text{ ohms}$$

To determine the wattage input to the speaker when the tap is already connected, use the formula:

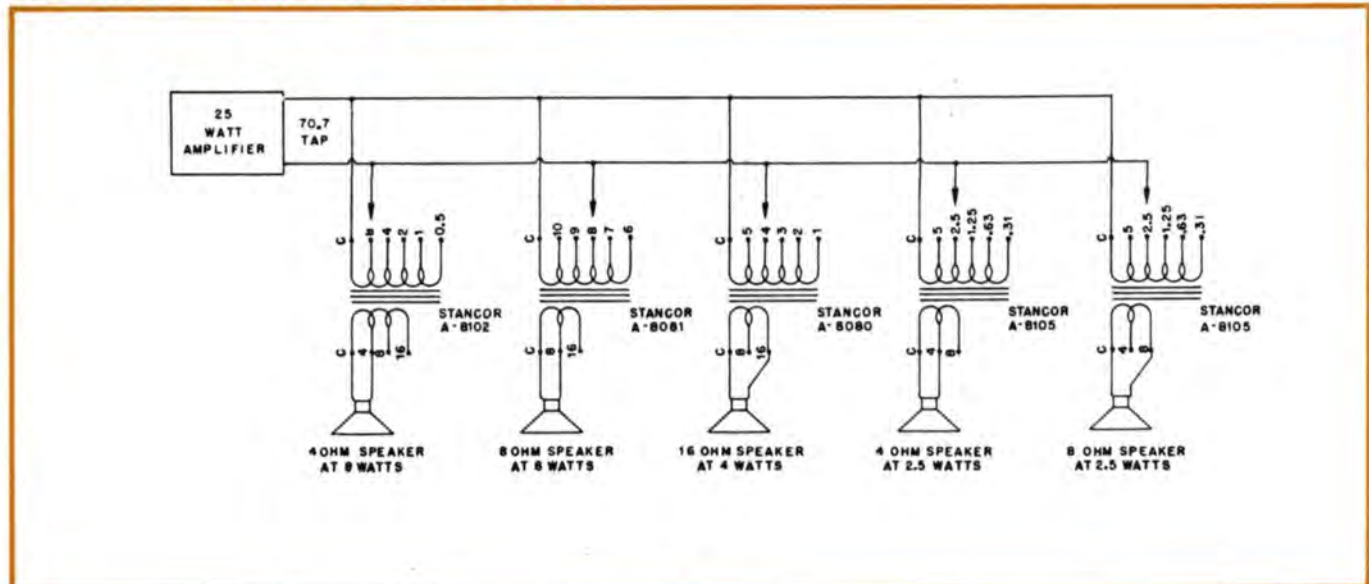
$$W = E^2/Z$$

EXAMPLE: In a 70.7 volt system, assume a speaker connected to the 500 Ohm tap of the primary of the line transformer. What wattage is produced by the use of this tap?

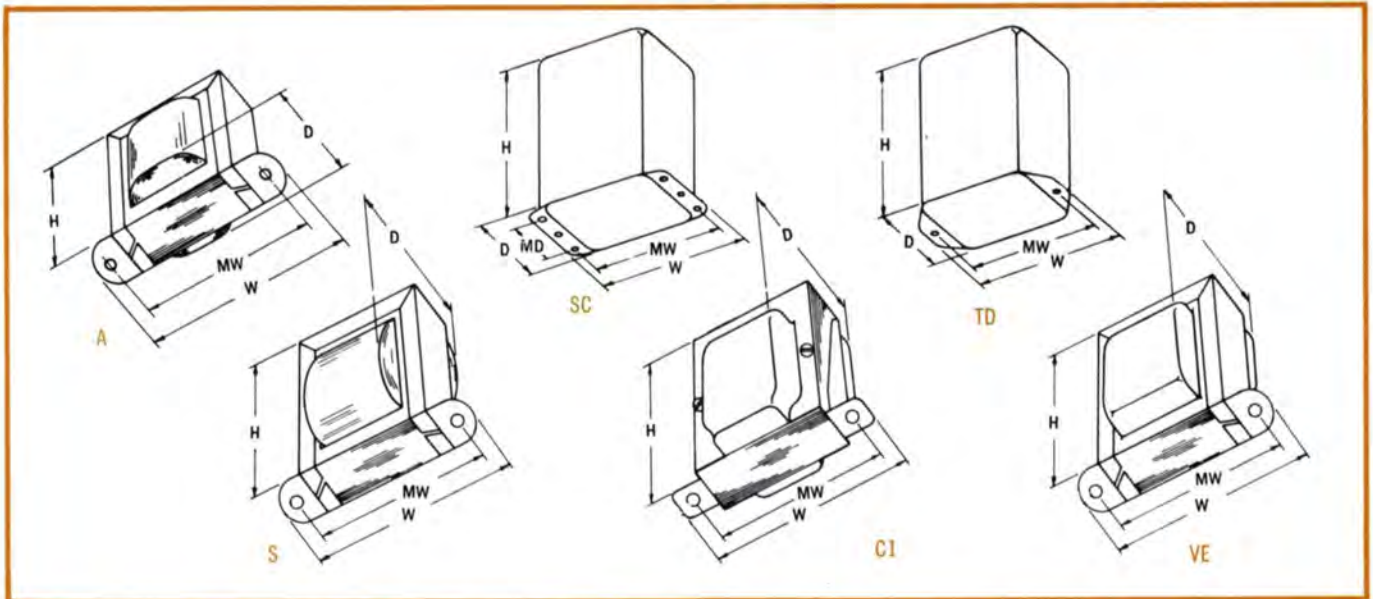
$$W = E^2/Z = 70.7 \times 70.7 / 500 = 5,000 / 500 = 10 \text{ Watts}$$

REMEMBER: Each speaker must have its own line-matching transformer and all of the line-matching transformers are connected in parallel to the proper voltage tap on the output transformer of the amplifier.

A TYPICAL 70.7 VOLT LINE DISTRIBUTION SYSTEM SHOWING THE PROPER STANCOR UNIT



AUDIO TRANSFORMERS



FOR INTERCOMS AND TRANSCEIVERS

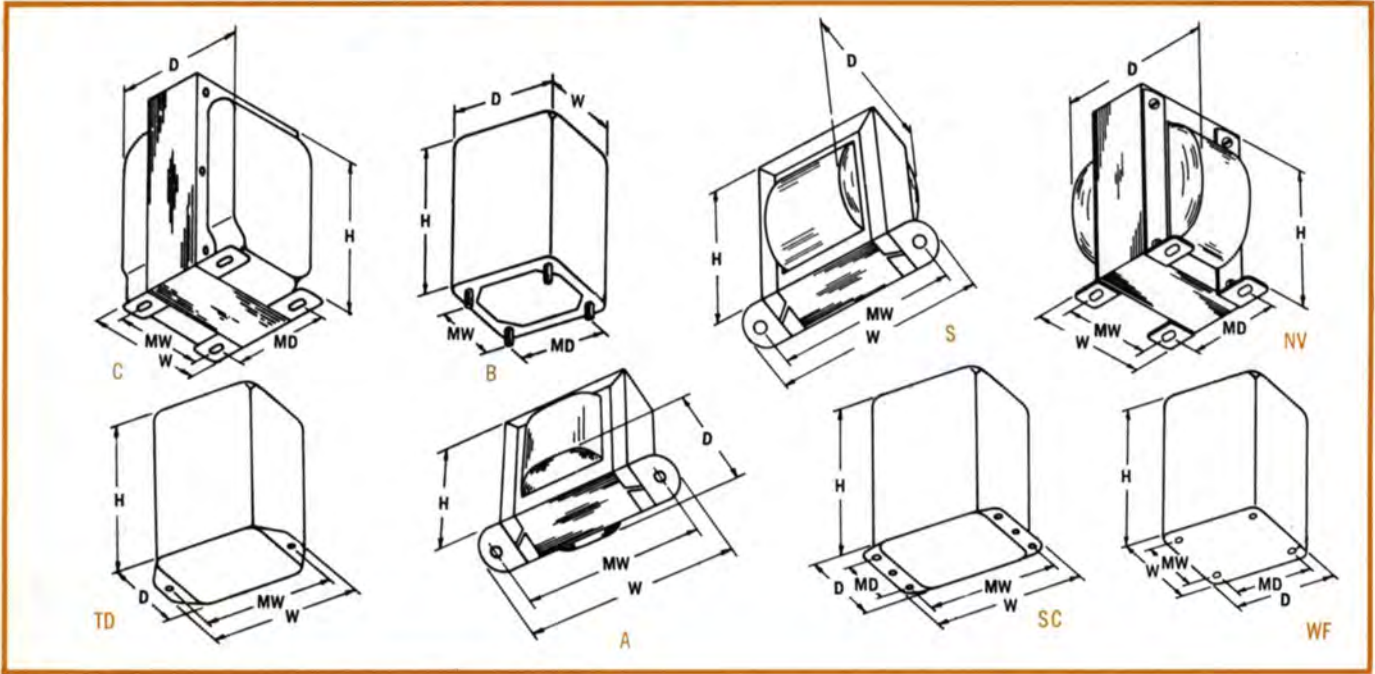
Section	STANCOR Part No.	Style	Application	Impedance in Ohms		Audio Watts	Termination		DC Resistance in Ohms		Overall Turns Ratio	Frequency Response in Hz ±3 db	RMS Test Voltage	Case Dimension			Mtg. Dimension		Wt. Lbs.
				Pri.	Sec.		Pri.	Sec.	Pri.	Sec.				H	W	D	MW	MD	
1	A-4744	VE	Intercom Input	4	25000	—	Leads	Leads	0.6	750	1:79.5	200-7000	1500	1 3/8	2 3/8	1 1/2	2	—	0.5
	A-4748	A	Intercom Input	45 or 50	50000	—	Leads	Leads	2.7	500	1:33	100-20000	1500	1 1/4	2 1/8	1 3/8	1 3/4	—	0.4
	A-8090	A	Line to Voice Coil	45 or 50	6-8/3-4	3	Lugs	Lugs	4.0	0.5	2.52:1	100-20000	1000	1 3/8	2 3/8	1 1/4	2	—	0.5
	A-8091	A	Line to Voice Coil	45 or 50	6-8/3-4	8	Lugs	Lugs	4.2	0.5	2.52:1	100-20000	1000	1 3/8	2 7/8	1 1/2	2 3/8	—	0.7
	A-3817	S	Transceiver Modulation and Output	5000/6750 @ 50Madc	4	10	Leads	Leads	350	1.0	36.2:1	200-5000	1500	2	2 3/8	2	2	—	0.7
	A-3833	A	Transceiver Input Mic. or Plate to Grid	5000/200	60000	5	Leads	Leads	600	2300	1:2.87	200-5000	1500	1 5/8	2 7/8	1 5/8	2 3/8	—	0.7
	A-3836	A	Transceiver Output	10000	2000/50	5	Leads	Leads	450	150	1:97:1	200-8000	1500	1 5/8	2 7/8	1 5/8	2 3/8	—	0.7
	A-4749	TD	Telephone Patch Circuit	10000	500	—	Leads	Leads	1325	20	7.8:1	200-4000	1000	2	2 1/4	1 1/8	1 1/8	—	1.0

MICROPHONE, PICKUP OR LINE TO GRID

2	A-4705	A	S.B. Mic. to S. Grid	200/70	80000	1:20	Leads	Leads	12	1050	1:20	200-5000	1500	1 3/8	2 3/8	1 3/8	2	—	0.5
	A-4706	A	S.B. Mic. to S. Grid	100	60000	1:24.5	Leads	Leads	26	1850	1:24.6	200-5000	1500	1 3/8	2 3/8	1 1/2	2	—	0.5
	A-4708	S	D.B. Mic. to S. Grid	200 C.T.	57000	1:17	Lugs	Lugs	46	2500	1:17	200-7000	1500	2	2 3/8	1 1/2	2	—	0.7
	A-4742	S	S.B. Mic. to P.P. Grids	100	400,000 C.T.	1:64	Leads	Leads	20	5300	1:64	100-10000	1500	2 3/8	2 7/8	1 7/8	2 3/8	—	1.2
	A-4747	VE	S.B. Mic. or Line to S. Grid	70	1,300,000	1:137	Leads	Leads	2.7	3300	1:137	200-5000	1500	1 1/2	1 3/8	1 1/4	1 1/2	—	0.5
	A-4351	SC	Mic. or Line to S. Grid	500/333/200/125/50	89000	1:13.3	Leads	Leads	22	3100	1:13.3	60-10000	1500	2 1/8	2 1/8	2 1/4	2 3/8	1 1/2	1.4
3	A-4352	A	Mic. or Line to P.P. Grids	500/333/200/125/50	89000 C.T.	1:13.3	Lugs	Lugs	25	3500	1:13.3	60-10000	1000	2	3 1/4	1 7/8	2 1/8	—	1.0
	A-4709	SC	Dyn. Mic. or Pickup to S. Grid	30/15/8/4	106,000	1:60	Leads	Leads	2.2	36000	1:60	30-15000	1500	2 1/8	2 1/8	2 1/4	2 3/8	1 1/2	1.7
	A-4778	CI	Line to S. Grid	600/500 C.T.	240,000	1:20	Leads	Leads	35	5500	1:20	200-7000	1500	2 1/4	2 7/8	1 3/8	2 3/8	—	1.0
	A-4779	A	Line to S. or P.P. Grids	600/500 C.T.	60000 C.T.	1:10	Leads	Leads	37	1600	1:10	100-10000	1500	1 3/8	2 3/8	1 3/8	2	—	0.5
	A-4780	VE	Line to P.P. Grids	600/500 C.T.	240,000 C.T.	1:20	Leads	Leads	35	5300	1:20	70-15000	1500	2	3 1/4	1 1/8	2 1/8	—	1.0

a. Has Multiple Internal Magnetic Shields.

AUDIO TRANSFORMERS



MICROPHONE, PICKUP OR LINE TO GRID (Cont'd)

Section	STANCOR Part No.	Style	Application	Impedance in Ohms		Audio Watts	Termination		DC Resistance in Ohms		Overall Turns Ratio	Frequency Response in Hz ± 3 db	RMS Test Voltage	Case Dimension			Mtg. Dimension		Wt. Lbs.
				Pri.	Sec.		Pri.	Sec.	Pri.	Sec.				H	W	D	MW	MD	
1	CIC-1	TD	Line to P.P. Grids	600/150	100,000 C.T.	1:13	Leads	Leads	42	2650	1:13	200-3500	500	2 1/8	2 1/4	1 1/2	1 1/8	—	0.75
	CIS-1	TD	Line to P.P. Grids	600/150	100,000 C.T.	1:13	Lugs	Lugs	42	2650	1:13	200-3500	500	2 1/8	2 1/4	1 1/2	1 1/8	—	0.75
	CIS-2	TD	S.B. or D.B. Mic. to P.P. Grids	125/50	125,000	1:32	Lugs	Lugs	12	4300	1:32	200-3500	500	2 1/8	2 1/4	1 1/2	1 1/8	—	0.75

LINE TO LINE

Section	STANCOR Part No.	Style	Impedance in Ohms		Frequency Response in Hz ± 3 db	Audio Watts	Termination		Case Dimension			Mtg. Dimension		Wt. Lbs.
			Pri.	Sec.			Pri.	Sec.	H	W	W	MW	MD	
2	A-4350	A	50/125/200/333/500	50/125/200/333/500	200-15000	10	Lugs	Lugs	2	3 1/4	1 7/8	2 1/8	—	1.0
	A-4407	C	50/125/200/333/500	50/125/200/333/500	100-15000	20	Lugs	Lugs	3 1/8	2 1/2	2 3/4	2	1 3/4	2.4
	A-3838	NV	500	84/100/125/166/250	40-20000	30	Lugs	Lugs	3 1/8	2 1/2	2 1/8	2	2	2.3

INPUT: HIGH FIDELITY

Section	STANCOR Part No.	Style	Application	Impedance in Ohms		Audio Watts	Termination		DC Resistance in Ohms		Overall Turns Ratio	Frequency Response in Hz ± 3 db	RMS Test Voltage	Case Dimension			Mtg. Dimension		Wt. Lbs.
				Pri.	Sec.		Pri.	Sec.	Pri.	Sec.				H	W	D	MW	MD	
3	BI-1	B	Line to S. or P.P. Grids	600/150 C.T.	50000 C.T.	+15 dbm	Lugs	Lugs	57	2900	1:9.2	30-15000	500	2 1/8	2 1/4	2 1/8	1 3/8	1 3/8	1.5
	BI-2	B	Line to S. or P.P. Grids a	600/150 C.T.	50000 C.T.	+15 dbm	Lugs	Lugs	53	2750	1:9.2	30-15000	500	2 1/8	2 1/4	2 1/8	1 3/8	1 3/8	1.5
	BI-3	B	Line Bridging to P.P. Grids	8000/6000 C.T.	50000 C.T.	+15 dbm	Lugs	Lugs	470	3650	1:2.5	30-15000	500	2 1/8	2 1/4	2 1/8	1 3/8	1 3/8	1.5
4	BI-4	B	Line to Line	600/150 C.T.	600/150 C.T.	+15 dbm	Lugs	Lugs	40	46	1:1	30-15000	500	2 1/8	2 1/4	2 1/8	1 3/8	1 3/8	1.5
	BI-5	B	Line to Line	600/150 C.T.	600/150 C.T.	+30 dbm	Lugs	Lugs	37	43	1:1	30-15000	1000	3 3/8	3 1/4	3	2 3/8	2 1/8	3.25
	BI-6	B	P.P. Plates to S. or P.P. Grids	20000 C.T.	50000 C.T.	+15 dbm	Lugs	Lugs	1400	4400	1:1.5	30-15000	750	2 1/8	2 1/4	2 1/8	1 3/8	1 3/8	1.5
	BI-7	B	Mic., Pickup or Line to Grid	600/250/150/50	50000 C.T.	+15 dbm	Lugs	Lugs	67	3000	1:9.2	30-15000	750	2 1/8	2 1/4	2 1/8	1 3/8	1 3/8	1.5

a. Has Multiple Internal Magnetic Shields.

AUDIO TRANSFORMERS

HI-FI: WF SERIES — SHIELDED

Section	STANCOR Part No.	Style	Application	Impedance in Ohms		Audio Watts	Termination		DC Resistance in Ohms		Overall Turns Ratio	Frequency Response in Hz ±3 db	RMS Test Voltage	Case Dimension			Mtg. Dimension		Wt. Lbs.
				Pri.	Sec.		Pri.	Sec.	Pri.	Sec.				H	W	D	MW	MD	
1	WF-20	WF	Mic., Pickup or Line to Grid	500-600/333/250/200/125-50/50	50000 C.T.	+7 db	Lugs	Lugs	88.0	3150	1:10	30-20000	500	2	1½	1½	1½	1½	0.6
	WF-21	WF	Mic., Pickup or Line to Grid ^a	500/200/50	50000 C.T.	+7 db	Lugs	Lugs	61.2	3760	1:10	30-20000	500	2	1½	1½	1½	1½	0.6
	WF-22	WF	Mic., Pickup or Line to Grid	500-600/333/250/200/125-150/50	80000 C.T.	+7 db	Lugs	Lugs	62.9	3310	1:12.2	30-20000	500	2	1½	1½	1½	1½	0.6
2	WF-28	WF	S. or P.P. Plates to S. or P.P. Grids	15000 C.T.	80000 C.T.	+7 db	Lugs	Lugs	1070	3000	1:2.3	30-20000	1500	2	1½	1½	1½	1½	0.6
	WF-30	WF	Mixer, Mic., Pickup, or Line to Line	500-600/333/250/200/125-150/50	500-600/333/250/200/125-150/50	+7 db	Lugs	Lugs	80.0	84.2	1:1	30-20000	500	2	1½	1½	1½	1½	0.6
	WF-35	WF	S. Plate to Line	15000	500-600/333/250/200/125-150/50	+7 db	Lugs	Lugs	1600	77.0	5.5:1	30-20000	1500	2	1½	1½	1½	1½	0.6
	WF-36	WF	P.P. Plates to Line	30000 C.T.	500-600/333/250/200/125-150/50	+7 db	Lugs	Lugs	2310	96.1	7.6:1	30-20000	1000	2	1½	1½	1½	1½	0.6

INTERSTAGE: SINGLE PLATE (7,000 TO 20,000 OHM) TO SINGLE GRID

Section	STANCOR Part No.	Style	Ratio	Max. Pri. DCMA	Termination		DC Resistance		Overall Turns Ratio	Frequency Response in Hz ±3 db	RMS Test Voltage	Case Dimension			Mtg. Dimension		Wt. Lbs.
					Pri.	Sec.	Pri. Ohms	Sec. Ohms				H	W	D	MW	MD	
3	A-53	A	1:3	10	Leads	Leads	400	1500	1:3	100-10000	1000	1¾	2¾	1¾	2	—	0.5

INTERSTAGE: SINGLE PLATE (7,000 TO 15,000 OHM) TO PUSH-PULL GRIDS

4	A-52C	A	1:2	10	Leads	Leads	570	1450	1:2	100-10000	1000	1¾	2¾	1½	2	—	0.4
	A-62C	A	1:2	10	Leads	Leads	750	1850	1:2	100-10000	1000	1¾	2¾	1¾	2¾	—	0.7
	A-4745	SC	1:2	10	Leads	Leads	1500	3950	1:2	60-10000	1500	2¼	2¼	2¼	2¾	1½	1.7
	A-53C	A	1:3	10	Leads	Leads	400	1500	1:3	100-10000	1000	1¾	2¾	1½	2	—	0.5
	A-63C	A	1:3	10	Leads	Leads	565	2050	1:3	100-10000	1000	1¾	2¾	1¾	2¾	—	0.7
	A-73C	A	1:3	10	Leads	Leads	900	3300	1:3	70-10000	1000	2	3¼	1¾	2¼	—	1.0
	A-4719	SC	1:3	10	Leads	Leads	1250	4500	1:3	60-10000	1500	2¼	2¼	2¼	2¾	1½	1.7
	A-64C	S	1:4	10	Leads	Leads	450	2250	1:4	100-10000	1000	2	2¾	1¾	2	—	0.7

INTERSTAGE: PUSH-PULL PLATES (7,000 TO 15,000 OHM) TO PUSH-PULL GRIDS

5	A-4711	A	1:1	10	Leads	Leads	1300	1600	1:1	60-10000	1000	1¾	2¾	1¾	2¾	—	0.7
	A-4208	C	1:1.4	15	Leads	Leads	1250	1750	1:1.4	60-10000	1500	3¼	2½	2¾	2	1¾	2.5

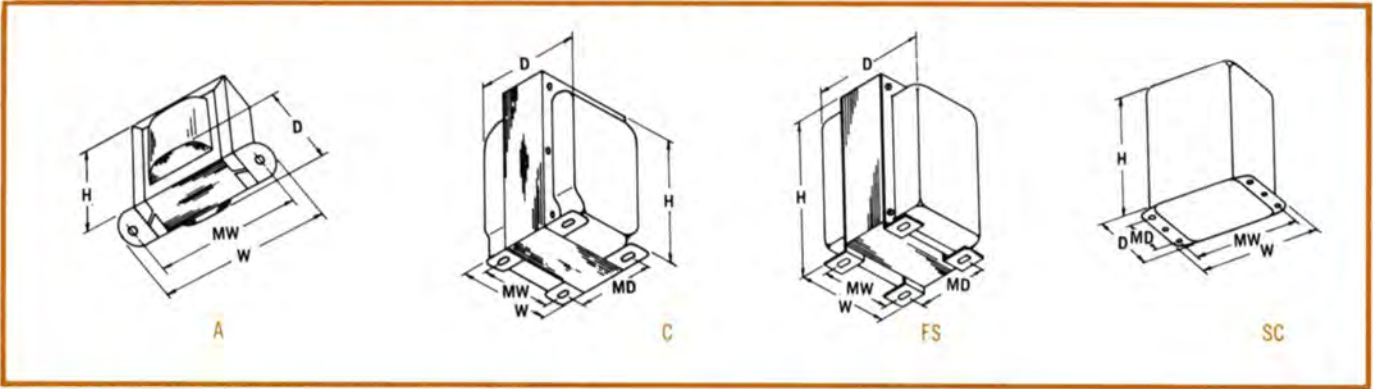
INTERSTAGE: MULTI-PURPOSE (7,000 TO 15,000 OHM PLATES)

6	A-4774	S	1:3	10	Leads	Leads	1250	4000	1:3	70-10000	1000	2¾	2¾	1¾	2¾	—	1.2
	A-4773	SC	1:3	10	Leads	Leads	1350	4850	1:3	70-10000	1000	2¼	2¼	2¼	2¾	1½	1.7

Proper Connections will provide Ratios of 1:1, 1:3, or 1:6. May be used for Single or Push-Pull Plates to Single or Push-Pull Grids.

a. Has Multiple Internal Magnetic Shields.

AUDIO TRANSFORMERS



DRIVER: SINGLE PLATE TO PUSH-PULL GRIDS*

Section	STANCOR Part No.	Style	Pri. Impedance in Ohms		Max. Pri. DCMA	Ratio Pri.: 1/2 Sec.	Audio Watts	Termination		DC Resistance		Overall Turns Ratio	Frequency Response in Hz ± 3 db	RMS Test Voltage	Case Dimension			Mtg. Dimension		Wt. Lbs.
			Pri.	Sec.				Pri.	Sec.	H	W				D	MW	MD			
1	A-4713	A	10000		30	2:1	5	Leads	Leads	550	875	2:1	100-20000	1500	1 1/8	2 7/8	1 1/8	2 3/8	—	0.7
	A-4752	A	10000		40	2/1.5/1:1	10	Leads	Leads	420	650	2/1.5/1:1	60-10000	1500	2	3 1/4	1 3/4	2 1 3/8	—	1.2
	A-4292	A	10000		20	2.5:1	5	Leads	Leads	1125	725	2.5:1	100-10000	1000	1 1/8	2 7/8	1 1/2	2 3/8	—	0.7
	A-4723	A	10000		30	3:1	5	Leads	Leads	435	435	3:1	200-15000	1500	1 1/8	2 7/8	1 1/8	2 3/8	—	0.7
	A-4702	C	1500 to 5000		80	5:1	20	Leads	Leads	325	150	5:1	60-10000	1500	3 1/8	2 1/2	2 3/4	2	1 3/4	2.5

DRIVER: PUSH-PULL PLATES TO PUSH-PULL GRIDS*

2	A-4208	C	10000 to 30000 C.T.		15	2.8:1	15	Leads	Leads	1750	1250	2.8:1	60-10000	1500	3 1/8	2 1/2	2 3/4	2	1 3/4	2.5
	A-4212	C	1500 to 5000 C.T.		50	3.2:1	20	Leads	Leads	575	425	3.2:1	60-10000	1500	3 1/8	2 1/2	2 3/4	2	1 3/4	2.5

DRIVER: "POLY-PEDANCE" — MULTIPLE TAPS OFFER A WIDE RANGE OF RATIO SELECTION*

3	A-4761	C	5000 to 15000 C.T.		100	2.4/2.2/2.1/1.8/1.6/1.4/1.25:1	15	Leads	Leads Lugs	100	190	UNIV.	200-4000	1000	3 1/8	2 1/2	3 1/8	2	2 1/8	3.4
	A-4762	C	5000 to 15000 C.T.		100	5/4.5/4/3.4/3.4/3.2/3.1/2.6:1	15	Leads	Leads Lugs	88	83	UNIV.	200-4000	1000	3 1/8	2 1/2	2 3/4	2	1 3/4	2.7
	A-4765	C	500		—	1.33/1.2/1/.8/.7/.5/.45/.4/.36/.32:1	15	Leads	Leads Lugs	45	210	UNIV.	200-4000	1000	3 1/8	2 1/2	2 3/4	2	1 3/4	3.2

MODULATION

Section	STANCOR Part No.	Style	Impedance in Ohms		Max. Sec. DCMA	Audio Watts	Termination		DC Resistance		Overall Turns Ratio	Frequency Response in Hz ± 3 db	RMS Test Voltage	Case Dimension			Mtg. Dimension		Wt. Lbs.
			Pri.	Sec.			Pri.	Sec.	H	W				D	MW	MD			
4	A-3812	A	10000 C.T.	4000	50	5	Leads	Leads	435	165	1.58:1	200-5000	1500	1 1/8	2 7/8	1 1/8	2 3/8	—	0.7
	A-3871	SC	4500	8500	50	10	Leads	Leads	150	350	1:13.7	200-5000	1500	2 1 3/8	2 1 3/8	2 1/4	2 3/8	1 1/2	1.4
	A-3845	C	10000 C.T.	8000/6500/5000/3000	100	25	Leads	Leads	150	165	1.13:1	200-5000	2500	3 1/8	2 1/2	2 7/8	2	1 7/8	2.8
	A-3808	C	3800/3300 C.T.	10000/7500/5000/4000	170	60	Lugs	Lugs	52	175	1:1.62	200-5000	3500	4 1 3/8	3 3/4	4	3	2 1 3/8	7.7
	A-3829	C	9000/6900 C.T.	6250/5000/4000/3300	300	175	Lugs	Lugs	84	83	1.2:1	200-5000	5000	4 1 3/8	3 3/4	5	3	2 1 3/8	11.4

MODULATION: "POLY-PEDANCE" — MULTIPLE TAPS OFFER A WIDE RANGE OF IMPEDANCE MATCH

5	A-3891	C	2000 to 20000	2000 to 20000	100	15	Lugs	Lugs	170	240	UNIV.	200-4000	2500	3 1/8	2 1/2	2 3/4	2	1 3/4	2.5
	A-3892	C	2000 to 20000	2000 to 20000	150	30	Lugs	Lugs	215	275	UNIV.	200-4000	2500	3 7/8	3 1/8	3 1/2	2 1/2	2 3/8	4.3
	A-3893	C	2000 to 20000	2000 to 20000	180	60	Lugs	Lugs	190	250	UNIV.	200-4000	3000	3 7/8	3 1/8	4	2 1/2	2 1 3/8	6.2
	A-3894	C	2000 to 20000	2000 to 20000	225	125	Lugs	Lugs	120	150	UNIV.	200-4000	4000	4 1 3/8	3 3/4	4 1 3/8	3	3 3/8	9.4
	A-3898	FS	2000 to 20000	2000 to 20000	260	300	Terms	Terms	150	200	UNIV.	200-4000	7500	8 1/8	5 3/4	7 1/8	4 1/2	4 3/4	3.8
	A-3899	FS	2000 to 20000	2000 to 20000	500	600	Terms	Terms	165	215	UNIV.	200-4000	12000	9 1/8	7 1/4	10 1/4	6	5 1/2	7.0

*Refer to information pertaining to turns ratios shown on page 10.

MINIATURE TRANSISTOR TRANSFORMERS

FOR PC BOARD APPLICATIONS

COLOR CODING by application to assure immediate and positive transformer identification.

RECTANGULAR SHAPE allows the utmost utilization of space and stacking in limited area.

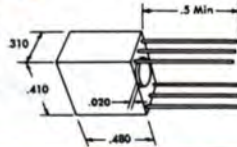
PROTECTIVE STAND-OFF prevents solder flow-back and maximum lead exit protection.

SPACED LEADS of fatigue resistant gold plated nickel-iron alloy are .020" in diameter, 3/16" long and have multiples of 0.1" grid spacing for printed circuit application.

Magnetic Shielding Available*



PCT



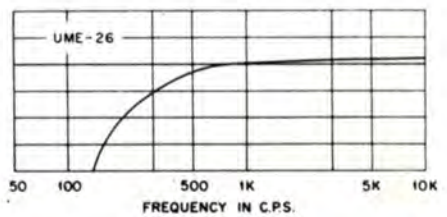
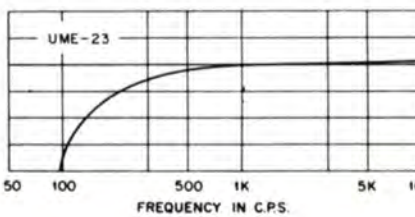
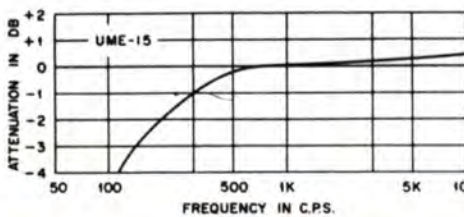
UME

POLYCHROMATRANS: WITH MULTIPLES OF 0.1" GRID SPACING FOR PRINTED CIRCUITS

Section	STANCOR Part No.	Power Level in M.W.	Application	Color Application Guide	Matching Impedance		Max. MA. D.C. Unbal. in Pri.	D.C. Resistance		Overall Turns Ratio	RMS Test Volts
					Pri.	Sec.		Pri.	Sec.		
1	PCT-14	15	Input	Brown	200,000 C.T.	1000 C.T.	0	6300	130	14.1:1	500
	PCT-15	35	Input	Brown	50000 C.T.	1000 C.T.	0	4600	90	7.1:1	500
	PCT-16	.5	Input	Brown	250,000 C.T.	250,000	0	3500	4500	1:1	500
	PCT-17	15	Input	Brown	200,000 C.T.	1000	0	6300	130	14.1:1	500
	PCT-21	55	Interstage	Red	25,000	1000	.5	2000	140	5:1	500
	PCT-23	55	Interstage	Red	25,000 C.T.	1000 C.T.	.5	2000	140	5:1	500
	PCT-25	75	Interstage	Red	10,000 C.T.	1500 C.T.	1	1250	360	2.57:1	500
2	PCT-30	75	Driver	Orange	10,000 C.T.	1200 C.T.	1	1000	250	2.88:1	500
	PCT-31	75	Driver	Orange	10,000 C.T.	2000 C.T.	1	1000	400	2.24:1	500
	PCT-39	75	Driver	Orange	10,000 C.T.	500 C.T.	1	1000	85	4.47:1	500
	PCT-43	75	Output	Yellow	1000	50	3	175	9.5	4.4:1	500
	PCT-54	75	Output	Yellow	600 C.T.	12	4.5	92	4	7.06:1	500
	PCT-60	75	Output	Yellow	500 C.T.	600	3	80	118	1.1:1	500
	PCT-61	75	Output	Yellow	900 C.T.	600	4	125	115	1.22:1	500
PCT-62	75	Output	Yellow	1500 C.T.	600	3	200	110	1.58:1	500	
3	PCT-70	75	Output	Yellow	320 C.T.	3.2	6	52	.9	10:1	500
	PCT-71	75	Output	Yellow	600 C.T.	3.2	4.5	95	.07	13.6:1	500
	PCT-76	75	Output Isolation	Green	10,000 C.T.	10,000 C.T.	1	1100	1400	1:1	500
	PCT-77	75	Output Isolation	Green	600 C.T.	600 C.T.	3	85	110	1:1	500
	PCT-116	—	Choke	Blue	6 HYS.	—	2	1800	—	—	500
	PCT-117	—	Choke	Blue	1.25 HYS.	—	2	1200	—	—	500
	PCT-118	—	Choke	Blue	3.5 HYS.	—	2	200	—	—	500
	PCT-128	—	Choke	Blue	.3 HY.	—	4	500	—	—	500

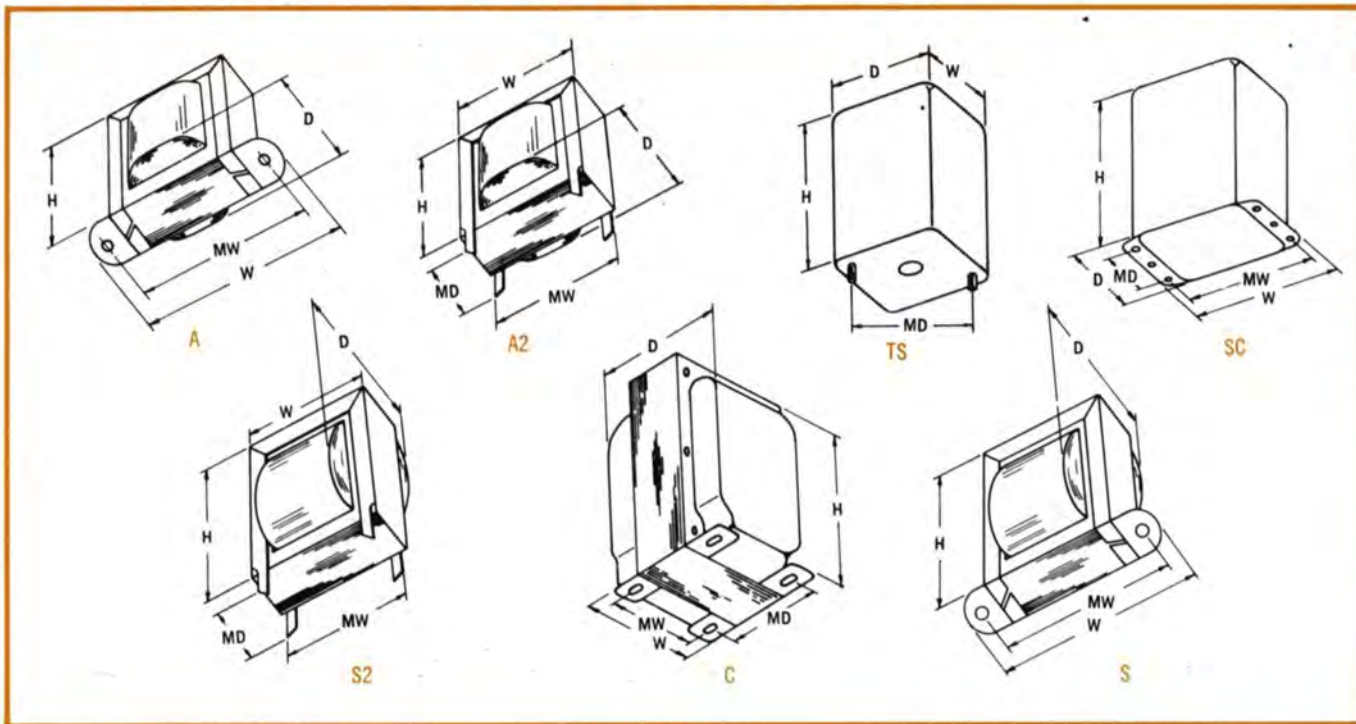
* SPCT-10 Magnetic Alloy Shield - fits all PCT Transformers.

ULTRA MINIATURE ENCAPSULATED TRANSFORMERS: SIZE .312" x .400" x .426" — INSULATION TEST, 100 VOLTS



Section	STANCOR Part No.	Application	Pri. Res.	Pri. Imp. in Ohms	D.C. MA in Pri.	Sec. Imp. in Ohms	Sec. Res.	Mw. Level	Section	STANCOR Part No.	Application	Pri. Res.	Pri. Imp. in Ohms	D.C. MA in Pri.	Sec. Imp. in Ohms	Sec. Res.	Mw. Level	
4	UME-11	Interstage	1500	30000	.5	1200	185	50	6	UME-25	Single or PP output	85	1070 C.T.	4	16	2	500	
	UME-12	Output	120	600	3	60	13	100		UME-26	Single or PP output	120	1330 C.T.	3.5	16	2	500	
	UME-13	Output	250	1200	3	60	17	100		UME-27	Single or PP output	225	2000 C.T.	3	16	2.5	500	
	UME-14	Output	70	600	3	3.2	.7	100		UME-28	Single or PP output	750	10000 C.T.	1	16	2.5	500	
	UME-15	Output	170	1200	2	3.2	.75	100		UME-29	Output	35	300 C.T.	7	600	110	500	
	UME-16	Output	1200	10000 C.T.	1	3.2	.7	100		UME-30	Output	60	900 C.T.	4	600	110	500	
	UME-17	Input	7500	200,000	—	1000	260	25		—	—	—	—	—	—	—	—	—
	UME-18	Reactor	1000	3 hy @ 2 MADC	2	—	—	—		—	—	—	—	—	—	—	—	—
5	UME-19	Output or driver	1100	12500 C.T.	1	600 C.T.	45	100	7	UME-31	Output	105	900 C.T.	4	600	110	500	
	UME-20	Driver	1000	12500	1	1500 C.T.	100	100		UME-32	Output	200	1500 C.T.	3	600	120	500	
	UME-21	Driver	1100	12500	1	2500 C.T.	160	100		UME-33	Interstage	1500	30000 C.T.	.5	1200 C.T.	175	100	
	UME-22	Single or PP output	25	200 C.T.	10	16	3	500		UME-34	Input	6500	200,000 C.T.	0	1000 C.T.	250	25	
	UME-23	Single or PP output	35	400 C.T.	7	16	2.5	500		UME-35	Interstage	1000	12000 C.T.	1	1800 C.T.	115	100	
	UME-24	Single or PP output	75	800 C.T.	5	16	2	500		UME-36	Reactor	2600	6 hy @ 2 MADC	2	—	—	—	
	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		

TRANSISTOR TRANSFORMERS



FOR AUDIO APPLICATIONS: ALL UNITS TERMINATE WITH LEADS

Section	STANCOR Part No.	Style	Application	Impedance in Ohms		Max. Pri. DCMA	Audio Watts	DC Res. in Ohms		Case Dimensions			Mtg. Dimensions		Wt. Lbs.
				Pri.	Sec.			Pri.	Sec.	H	W	D	MW	MD	
1	TA-1	A	Input	600 C.T.	10	20	.05	42	0.8	1 1/8	1 1/8	1	1 3/8	—	.07
	TA-2	A	Interstage	100 C.T.	10 C.T.	100	.25	4.3	0.8	1 1/4	2 1/8	1 1/2	1 3/4	—	.25
	TA-3	A	Interstage	100	1000 C.T.	100	.25	5.8	45	1 3/8	2 3/8	1 1/2	2	—	.35
	TA-4	A	Interstage	500 C.T.	5000 C.T.	12	.03	37	250	1 3/8	2 3/8	1 3/8	2	—	.35
	TA-5	A	Driver	1000	200 C.T.	10	.05	400	115	1 1/8	1 3/8	3/8	1 1/4	—	.05
	TA-6	A	Driver	2000	200 C.T.	5	.05	720	115	1 1/8	1 3/8	3/8	1 1/4	—	.05
2	TA-7	A	Driver	100	100 C.T.	100	.5	12	12	1 3/8	2 7/8	1 3/8	2 3/8	—	.60
	TA-8	A	Output	9800	15	2	.05	640	2	1 1/8	1 3/8	3/8	1 1/4	—	.05
	TA-9	A	Output	1000	16/8/4	10	.2	180	3.5	1 3/8	1 3/8	7/8	1 3/8	—	.07
	TA-10	A	Output	2000 C.T.	16/8/4	—	.2	250	4	1 3/8	1 3/8	7/8	1 3/8	—	.08
	TA-11	A	Output	48 C.T.	16/8	275	5	5	1.5	2	3 1/4	1 7/8	2 1/8	—	1.0
3	TA-12	A	Output	20 C.T.	8	500	10	.55	.35	1 3/8	2 3/8	1 3/8	2	—	.45
	TA-13	SC	Driver	200 C.T.	400 C.T.	10	.6	4	7	2 1/8	2 1/8	2 1/4	2 3/8	1 1/2	1.5
	TA-14	SC	Output	24 C.T.	16/4	200	10	2	1.2	4 3/8	4 3/8	3 1/8	3 7/8	2 3/4	6.6
	TA-56	S†	Output	48 C.T.	16/8/3.2	550	10	3.6	1.4	2 3/8	2 7/8	1 3/4	2 3/8	—	.90
	TA-57	S	Output	100 C.T.	16/8/3.2	500	10	6.6	1.5	2 3/8	2 7/8	1 7/8	2 3/8	—	.95
4	TA-58	A	Driver	100	200 C.T.	200	.5	6.5	15.5	1 1/4	2 1/8	1 3/8	1 3/4	—	.20
	TA-59	A	Driver	500 C.T.	200 C.T.	50	.5	36.5	15.5	1 1/4	2 1/8	1 3/8	1 3/4	—	.20
	TA-60	TS	Output	125 C.T.	8	50	1.5	7.5	0.9	1 1/8	1 3/8	1 3/8	—	1 1/2	.30
	TA-61	S	Driver	*	*	—	—	1.8	1.8	2	2 3/8	1 1/2	2	—	.60
	TA-62	A	Output	25	4	400	4	1.5	0.4	1 3/8	2 7/8	1 3/8	2 3/8	—	.60

FOR TRANSISTORIZED AUTO RADIOS

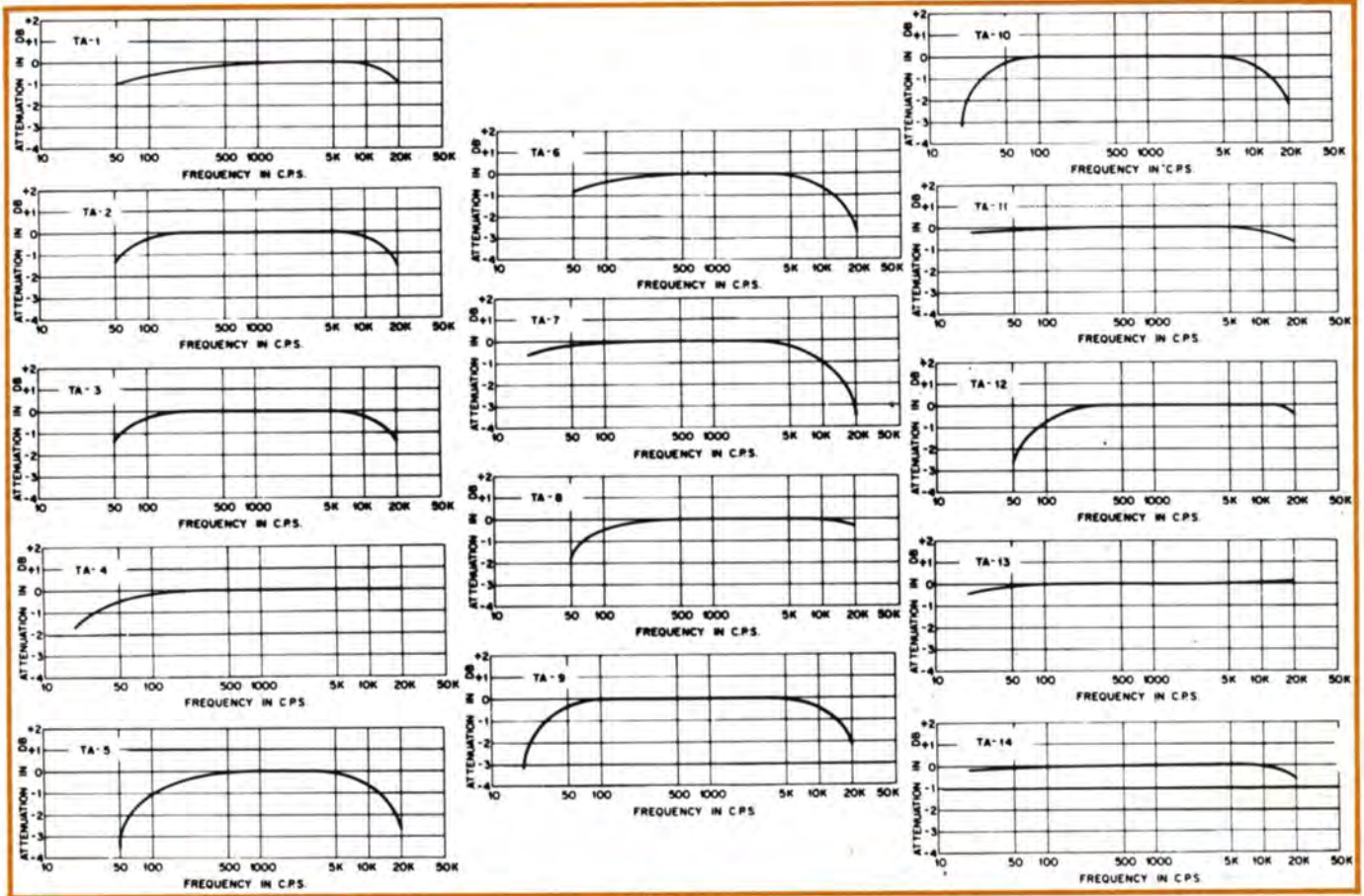
5	TA-48	S2	Interstage	1000	40	10	2	136	2.8	1 3/4	1 3/8	1 1/4	1 1/4	3/8	.35
	TA-49	S	Output	30 C.T.	4	50	10	2.2	0.3	2 3/8	2 7/8	1 1/2	2 3/8	—	.80
	TA-50	A2	Output	9	4	920	10	.15	1.0	2	2 3/8	1 3/8	1 7/8	1 3/8	1.0
	TA-51	S2	Interstage	1000	10	10	2	170	1.0	1 3/4	1 3/8	1 1/4	1 1/4	3/8	.35

FOR TRANSISTOR MOBILE MODULATOR (WRITE FOR BULLETIN 545 FOR CIRCUIT)

Section	STANCOR Part No.	Style	Application	Impedance in Ohms		Max. Pri. DCMA	Audio Watts	Case Dimensions			Mtg. Dimensions		Wt. Lbs.
				Pri.	Sec.			H	W	D	MW	MD	
6	TA-15	A	Input	50 to 100	10	50	.005	1 1/8	1 3/8	1	1 3/8	—	0.15
	TA-16	A	Driver	20	36 C.T.	400	1.0	1 1/4	2 1/8	1 1/8	1 3/4	—	0.20
	TA-17	C	Modulation	8 C.T.	7500/5000 @ 120 Ma	—	35.0	3 1/8	2 1/2	3	2	2	3.0

*Trifilar Wound-Ratio 1:1:1. †Has Lugs on Secondary.

TRANSISTOR TRANSFORMERS

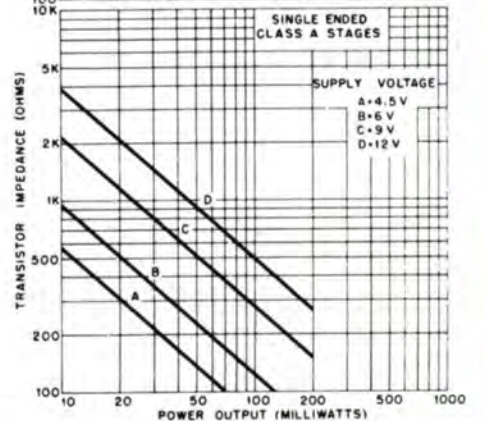
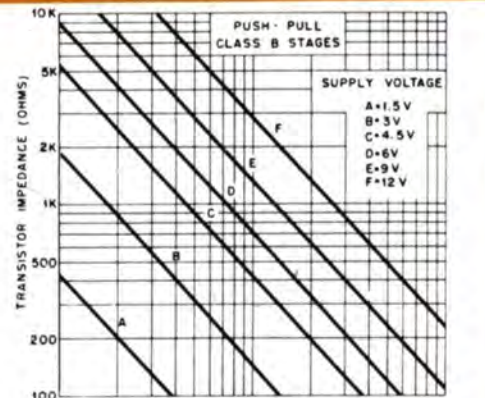


MINIATURE AUDIOS .150 WATT GROUP

Dimensions: $3\frac{1}{2}$ " H x $1\frac{1}{16}$ " W x $\frac{9}{16}$ " D.
Mounting tabs $\frac{3}{16}$ " wide, $\frac{3}{32}$ " centers.
Weight: .65 oz. Mounting Type A1.



Section	STANCOR Type No.	Application	Turns Ratio Pri. to Sec.	Impedance in Ohms		DC Res. in Ohms	
				Pri.	Sec.	Pri.	Sec.
1	TA-18	Input	1.00:45.5	30 C.T.	50000	14.7	4060
	TA-19	Interstage	3.08:1	100 C.T.	10 C.T.	19	1.27
	TA-20	Output	5.22:1	350 C.T.	4, 12	38	1.45
	TA-21	Output	5.53:1	500 C.T.	4, 8, 16	75.3	3.55
	TA-22	Interstage	3.16:1	500 C.T.	50	59.7	7.9
2	TA-23	Output	5.65:1	600 C.T.	4, 8, 16	73.2	3.2
	TA-24	Interstage	3.16:1	500 C.T.	50000	76.8	5135
	TA-25	Output	6.75:1	825 C.T.	4, 8, 16	74	2.7
	TA-26	Output	9.80:1	1250	4, 12	132.5	1.4
	TA-27	Interstage	1:4.08	1200	20000 C.T.	142	1860
TA-28	Interstage	1.65:1	1500	500 C.T.	104	46.5	
3	TA-29	Output	11.8:1	2500	4, 16	370	2.3
	TA-30	Interstage	1.00:1.22	5000 C.T.	7500 C.T.	650	790
	TA-31	Interstage	1.00:1.41	5000 C.T.	10000 C.T.	635	825
	TA-32	Interstage	1:3	5000 C.T.	45000	310	1400
	TA-33	Output	24.6:1	10000 C.T.	4, 8, 16	1174	2.6
4	TA-34	Interstage	6.97:1	10000	200 C.T.	1200	25.0
	TA-35	Interstage	2.24:1	10000	2000 C.T.	1200	257
	TA-36	Interstage	1.83:1	10000	3000 C.T.	1200	385
	TA-54	Interstage	5.1	20000	800 C.T.	1350	95
	TA-37	Output	5.55:1	400 C.T.	11	71.5	1.5
TA-38	Interstage	1.72:1	500 C.T.	150 C.T.	62	21.2	



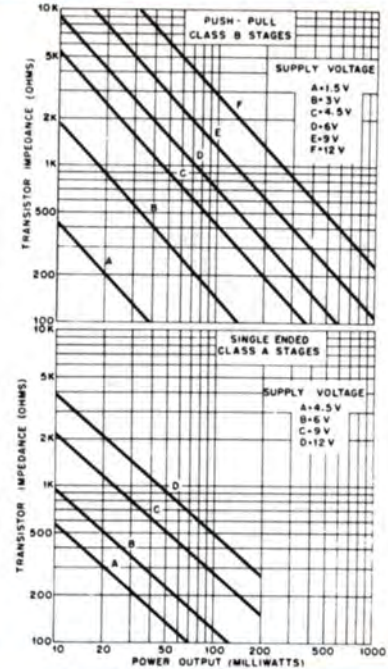
TRANSISTOR TRANSFORMERS

MINIATURE AUDIOS .300 WATT GROUP

Dimensions: 1 3/16" H x 1 5/8" W x 3/4" D.
Mounting Centers: 1 3/8".
Weight: 1.2 oz. Mounting Type A.



Section	STANCOR Type No.	Application	Turns Ratio Pri. to Sec.	Impedance in Ohms		DC Res. in Ohms	
				Pri.	Sec.	Pri.	Sec.
1	TA-39	Output	2.5:1	100 C.T.	4, 8, 16	10.9	1.45
	TA-40	Output	3.27:1	160	4, 8, 16	18.7	1.4
	TA-41	Output	5.00:1	400 C.T.	4, 8, 16	34	1.5
	TA-42	Output	5.60:1	500 C.T.	4, 8, 16	47	.85
	TA-52	Interstage	1:1	500 C.T.	500 C.T.	40	55
	TA-43	Output	6.63:1	700 C.T.	4, 8, 16	77	1.15
2	TA-44	Output	12.5:1	2500	4, 8, 16	172	1.15
	TA-45	Output	13.7:1	3000	4, 8, 16	192	1.2
	TA-46	Interstage	8.17:1	100000	1500 C.T.	3250	143
	TA-55	Input	50:1	500000	200 C.T.	7000	8.5
	TA-47	Input	1.00:14.1	1000 C.T.	200000 C.T.	123	1815
	TA-63	Driver	3.17:1	20000 C.T.	2000 C.T.	2140	325



MINIATURE AUDIOS FOR PRINTED CIRCUITS .150 WATT GROUP (FIG. A)

3	TAPC-19	Interstage	3.08:1	100 C.T.	10 C.T.	19	1.27
	TAPC-26	Output	9.80:1	1250	4, 12	132.5	1.4
	TAPC-27	Interstage	1:4.08	1200	20000 C.T.	142	1860
	TAPC-28	Interstage	1.65:1	1500	500 C.T.	104	46.5
	TAPC-30	Interstage	1.00:1.22	5000 C.T.	7500 C.T.	650	790
4	TAPC-31	Interstage	1.00:1.41	5000 C.T.	10000 C.T.	635	825
	TAPC-32	Interstage	1.00:4	5000 C.T.	80000 C.T.	500	5200
	TAPC-34	Interstage	6.97:1	10000	200 C.T.	1200	25
	TAPC-35	Interstage	2.24:1	10000	2000 C.T.	1200	257
	TAPC-36	Interstage	1.83:1	10000	3000 C.T.	1200	385
	TAPC-38	Interstage	1.72:1	500 C.T.	150 C.T.	62	21.2

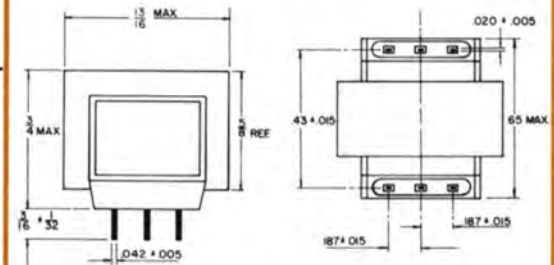


Fig. A

.050 WATT GROUP (FIG. A)

Section	STANCOR Type No.	Application	Imp. in Ohms		Max. Pri. DCMA	Audio Watts	DC Res. in Ohms		Wt. Lbs.
			Pri.	Sec.			Pri.	Sec.	
5	TAPC-5	Driver	2000	200	5	.05	400	115	.05

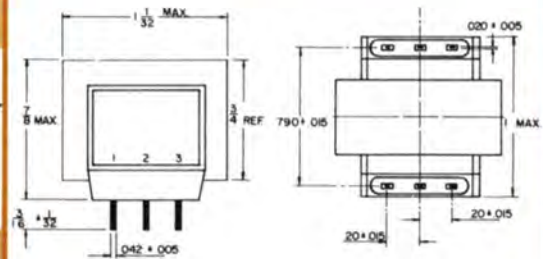


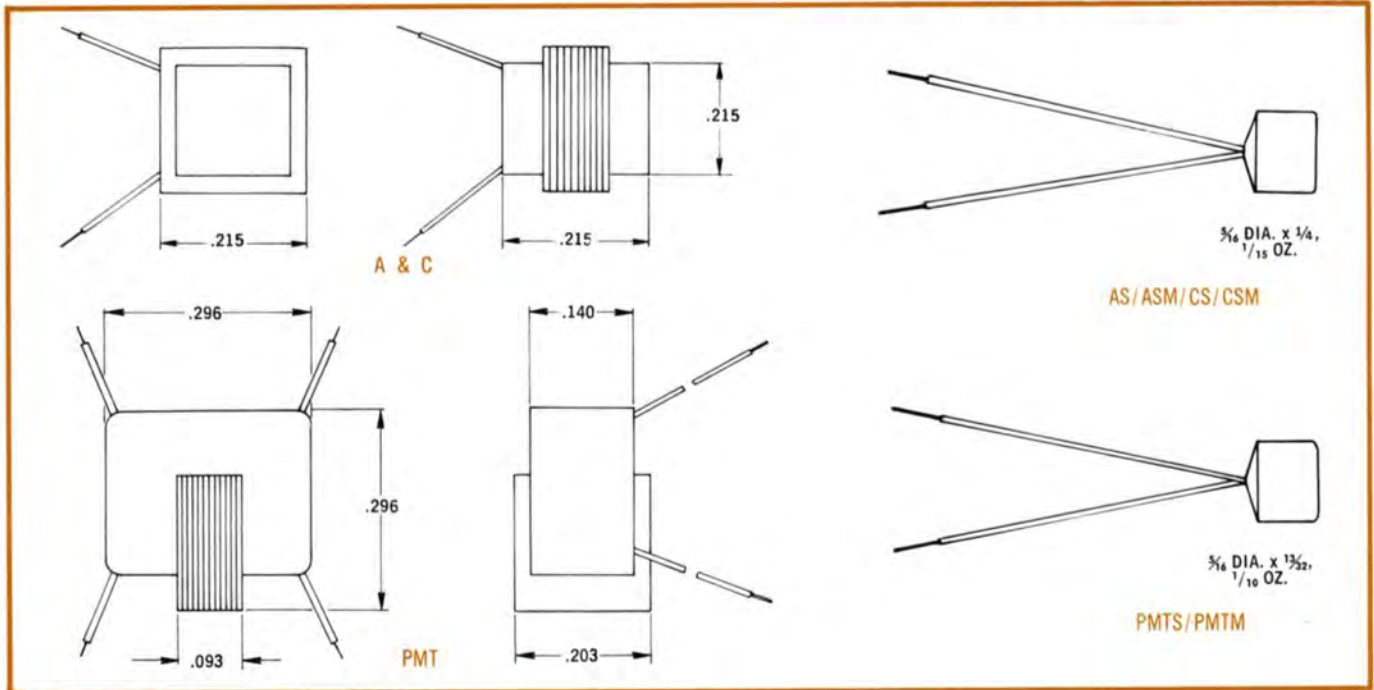
Fig. B

.300 WATT GROUP (FIG. B)

Section	STANCOR Type No.	Application	Turns Ratio Pri. to Sec.	Impedance in Ohms		DC Res. in Ohms	
				Pri.	Sec.	Pri.	Sec.
6	TAPC-47	Input	1:14.1	1000 C.T.	200000 C.T.	123	1815
	TAPC-52	Interstage	1:1	500 C.T.	500 C.T.	40	55
	TAPC-63	Driver	3.17:1	20000 C.T.	2000 C.T.	2140	325

PICO-MINIATURE TRANSISTOR TRANSFORMERS

FOR PC BOARD APPLICATIONS



A & C — AS/ASM/CS/CSM

Section	STANCOR Part No.			Application	Turns Ratio Pri. to Sec.	Impedance (Ohms)		DC Res. (Ohms)		Power Level (MW)
	Open	Steel Case	Mu-Metal Case			Pri.	Sec.	Pri.	Sec.	
1	A-1	AS-1	ASM-1	Driver	1:3.2	60 C.T.	600 C.T.	12	105	5
	A-2	AS-2	ASM-2	Output	4.0:1	1000	50	225	16	5
	A-3	AS-3	ASM-3	Interstage	1:1.04	6000 C.T.	6000 C.T.	1200	1000	5
	A-4	AS-4	ASM-4	Driver	2.85:1	10000	1000	1500	425	5
	A-5	AS-5	ASM-5	Interstage	1:1.02	10000	10000	1620	2040	5
	A-6	AS-6	ASM-6	Input or Output	14.1:1	90000*	500**	3500	2050	1

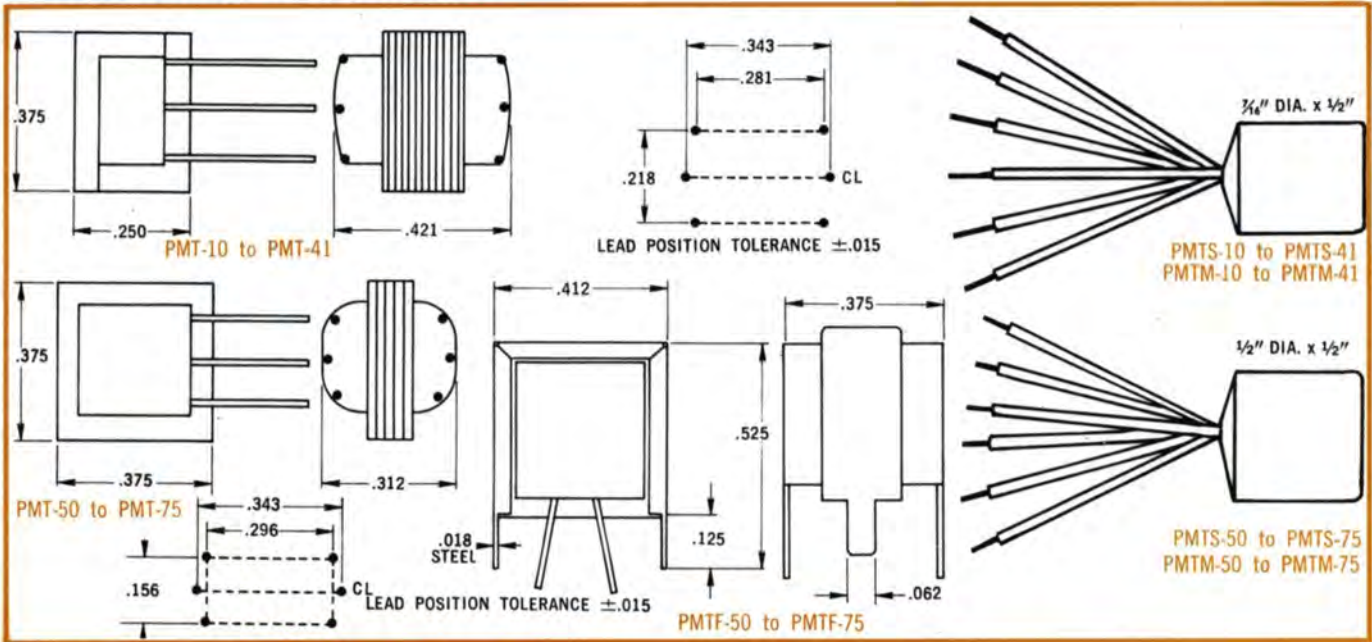
Section	Open	Steel Case	Mu-Metal Case	Application	Inductance	DC Resistance (Ohms)		Power Level (MW)
						Pri.	Sec.	
2	C-1	CS-1	CSM-1	Reactor	0.22 HYS @ 4.0 MADC 2.10 HYS @ 0.0 MADC	515 OHMS 515 OHMS	5 10	
	C-2	CS-2	CSM-2	Reactor	0.60 HYS @ 2.0 MADC 5.60 HYS @ 0.0 MADC	1350 OHMS 1350 OHMS	5 10	
	C-3	CS-3	CSM-3	Reactor	3.0 HYS @ 1.0 MADC 8.3 HYS @ 0.0 MADC	3400 OHMS 3400 OHMS	5 10	
	C-4	CS-4	CSM-4	Reactor	20.0 HYS @ 0.0 MADC	3400 OHMS	10	

PMT-1 THRU 9 — PMTS/PMTM-1 THRU 9

Section	STANCOR Part No.			Application	Turns Ratio Pri. to Sec.	Impedance (Ohms)		DC Res. (Ohms)		Power Level (MW)	
	Open	Steel Case	Mu-Metal Case			Pri.	Sec.	Pri.	Sec.		
3	PMT-1	PMTS-1	PMTM-1	Output	3.77:1	1000	50	260	40	10	
	PMT-2	PMTS-2	PMTM-2	Driver	1.51:1	1500	600	260	117	10	
	PMT-3	PMTS-3	PMTM-3	Interstage	2.22:1	10000	2000	1240	280	10	
	PMT-4	PMTS-4	PMTM-4	Interstage	4.48:1	20000	1000	2500	330	10	
	PMT-5	PMTS-5	PMTM-5	Reactor	1:1	0.5 HYS. @ 1 MADC	155	1950	1000	1600	100
	PMT-6	PMTS-6	PMTM-6	Reactor		10.0 HYS @ 0 MADC					
	PMT-7	PMTS-7	PMTM-7	Interstage	1:1	10000 C.T. 12000 C.T.	10000 C.T. 12000 C.T.	300	1600	100	
	PMT-8	PMTS-8	PMTM-8	Interstage	1:1:1	2000 C.T. 2500 C.T.	8000 split 10000 split	3500	100	50	
	PMT-9	PMTS-9	PMTM-9	Interstage or Output	1:1:1	40000 C.T. 50000 C.T.	400 split 500 split				

* 90,000 ohms with 1000 secondary load. ** 500 ohms with 100,000 ohms primary load.
ALL UNITS HAVE 2" LEAD LENGTHS — COLOR CODED.

FOR PC BOARD APPLICATIONS



PMT-10 TO 41 — PMTS-10 TO 41 — PMTM-10 TO 41

Section	STANCOR Part No.			Application	Turns Ratio Pri. to Sec.	Impedance (Ohms)		DC Res. (Ohms)		Power Level (MW)
	Open	Steel Case	Mu-Metal Case			Pri.	Sec.	Pri.	Sec.	
1	PMT-10	PMTS-10	PMTM-10	Interstage	4.47:1	20000	1000	1700	275	50
	PMT-11	PMTS-11	PMTM-11	Interstage	5.01:1	20000	800	1600	170	50
	PMT-12	PMTS-12	PMTM-12	Interstage	2.56:1	10000 C.T.	1500 C.T.	1500	110	100
	PMT-13	PMTS-13	PMTM-13	Output	2.83:1	500	50	115	12	250
	PMT-14	PMTS-14	PMTM-14	Output	2.82:1	400	50	70	10	250
	PMT-15	PMTS-15	PMTM-15	Input	14.1:1	200,000	1000	6500	245	25
	PMT-16	PMTS-16	PMTM-16	Output	4.00:1	1000	50	240	16	100
	PMT-17	PMTS-17	PMTM-17	Input	14.0:1	200,000 C.T.	1000 C.T.	6500	245	25
	PMT-18	PMTS-18	PMTM-18	Output	1.54:1	1500 C.T.	600	210	120	250
	PMT-19	PMTS-19	PMTM-19	Reactor		3 HYS @ 2 ma		1100		
	PMT-20	PMTS-20	PMTM-20	Reactor		1 HY @ 2 ma		200		
	PMT-21	PMTS-21	PMTM-21	Reactor		6 HYS @ 2 ma		2600		
	PMT-22	PMTS-22	PMTM-22	Output	13.5:1	600	3.2	90	0.8	250
	PMT-23	PMTS-23	PMTM-23	Output	18.0:1	1200	3.2	190	0.8	100
	PMT-24	PMTS-24	PMTM-24	Output	53.2:1	10000	3.2	1500	0.8	100
	PMT-25	PMTS-25	PMTM-25	Driver	4.44:1	10000 C.T.	500 C.T.	1160	45	100
	PMT-26	PMTS-26	PMTM-26	Driver	3.03:1	10000	1200 C.T.	1160	100	100
	PMT-27	PMTS-27	PMTM-27	Driver	2.22:1	10000	2000 C.T.	1380	170	100
	PMT-28	PMTS-28	PMTM-28	Output	1.23:1	900 C.T.	600	105	110	250
PMT-29	PMTS-29	PMTM-29	Output	1:1.10	500 C.T.	600	60	105	250	
PMT-30	PMTS-30	PMTM-30	Output	1:1.42	300 C.T.	600	40	110	250	
PMT-31	PMTS-31	PMTM-31	Output	3.30:1	150 C.T.	12	25	3	250	
PMT-32	PMTS-32	PMTM-32	Output	4.85:1	300 C.T.	12	40	2	250	
PMT-33	PMTS-33	PMTM-33	Output	6.98:1	600 C.T.	12	85	2	250	
PMT-34	PMTS-34	PMTM-34	Output	8.14:1	800 C.T.	12	100	2	250	
PMT-35	PMTS-35	PMTM-35	Output	9.07:1	1000 C.T.	12	150	2	250	
PMT-36	PMTS-36	PMTM-36	Output	10.0:1	1500 C.T.	12	230	2	250	
PMT-37	PMTS-37	PMTM-37	Output	25.0:1	7500 C.T.	12	750	2	250	
PMT-38	PMTS-38	PMTM-38	Interstage	5.0:1	20000 C.T.	800 C.T.	1500	160	50	
PMT-39	PMTS-39	PMTM-39	Reactor		12 HYS @ 0 ma		2000			
PMT-40	PMTS-40	PMTM-40	Reactor		20 HYS @ 0 ma		2800			
PMT-41	PMTS-41	PMTM-41	Interstage	1:3.00	10000	90000	980	5600	50	

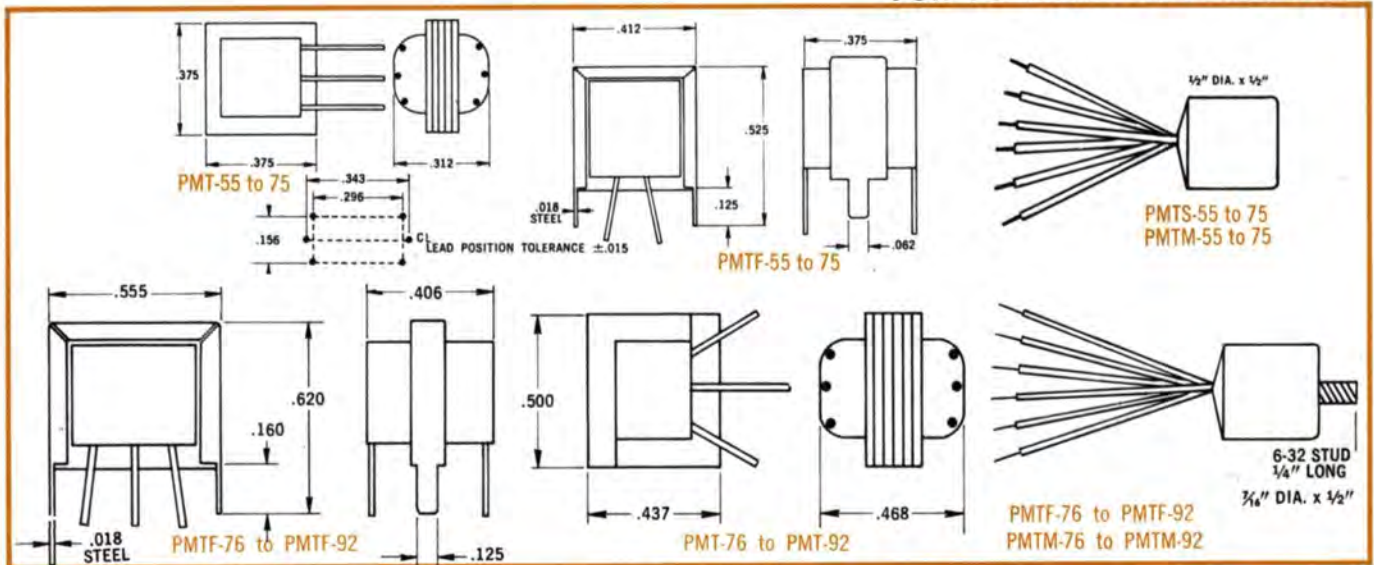
PMT-50 TO 54 — PMTF-50 TO 54 — PMTS-50 TO 54 — PMTM-50 TO 54

Section	STANCOR Part No.				Application	Turns Ratio Pri. to Sec.	Impedance (Ohms)		DC Resistance (Ohms)		Power Level (MW)
	Open	Channel Frame	Steel Case	Mu-Metal Case			Pri.	Sec.	Pri.	Sec.	
2	PMT-50	PMTF-50	PMTS-50	PMTM-50	Interstage	4.48:1	20000	1000	1150	175	150
	PMT-51	PMTF-51	PMTS-51	PMTM-51	Interstage	4.50:1	20000	1000 C.T.	930	95	150
	PMT-52	PMTF-52	PMTS-52	PMTM-52	Output	3.46:1	600	50	110	9	300
	PMT-53	PMTF-53	PMTS-53	PMTM-53	Output	3.26:1	600 C.T.	50	66	7.7	300
	PMT-54	PMTF-54	PMTS-54	PMTM-54	Output	2.71:1	400	50	70	9.3	350

ALL UNITS HAVE 2" LEAD LENGTHS — COLOR CODED.

PICO-MINIATURE TRANSISTOR TRANSFORMERS

FOR PC BOARD APPLICATIONS



PMT-55 TO 75 — PMTF-55 TO 75 — PMTS-55 TO 75 — PMTM-55 TO 75

Section	STANCOR Part No.				Application	Turns Ratio Pri. to Sec.	Impedance (Ohms)		DC Resistance (Ohms)		Power Level (MW)
	Open	Channel Frame	Steel Case	Mu-Metal Case			Pri.	Sec.	Pri.	Sec.	
1	PMT-55	PMTF-55	PMTS-55	PMTM-55	Input	14.0:1	200,000	1000	2600	135	35
	PMT-56	PMTF-56	PMTS-56	PMTM-56	Output	4.30:1	1000	50/60	160	9	250
	PMT-57	PMTF-57	PMTS-57	PMTM-57	Output	7.06:1	10000	200	890	27	200
	PMT-58	PMTF-58	PMTS-58	PMTM-58	Microphone	1.31:1	40	50000	3.35	1440	75
	PMT-59	PMTF-59	PMTS-59	PMTM-59	Output	3.64:1	20000	1000 C.T.	939	119	150
	PMT-60	PMTF-60	PMTS-60	PMTM-60	Output	7.75:1	20000	300	910	36	200
	PMT-61	PMTF-61	PMTS-61	PMTM-61	Output	10.8:1	20000	150	910	16.1	200
	PMT-62	PMTF-62	PMTS-62	PMTM-62	Output	4.97:1	30000	1000	1450	137	150
	PMT-63	PMTF-63	PMTS-63	PMTM-63	Reactor			12 HY @ 0.0 MADC	830		
	PMT-64	PMTF-64	PMTS-64	PMTM-64	Reactor			5 HY @ 0.8 MADC	1100		
	PMT-65	PMTF-65	PMTS-65	PMTM-65	Reactor			1.5 HY @ 0.1 MADC	175		
	PMT-66	PMTF-66	PMTS-66	PMTM-66	Reactor			.0015 HY @ 0.0 MADC	3.00		
	PMT-67	PMTF-67	PMTS-67	PMTM-67	Interstage	4.50:1	20000	1000 C.T.	930	95	150
	PMT-68	PMTF-68	PMTS-68	PMTM-68	Input	9.71:1	100000	1000	1900	140	70
	PMT-69	PMTF-69	PMTS-69	PMTM-69	Output	5.60:1	400 C.T.	12	70	2	350
	PMT-70	PMTF-70	PMTS-70	PMTM-70	Interstage	2.83:1	10000 C.T.	1200 C.T.	900	122	200
	PMT-71	PMTF-71	PMTS-71	PMTM-71	Output	1.55:1	1500 C.T.	600	170	50	250
	PMT-72	PMTF-72	PMTS-72	PMTM-72	Output	1.26:1	1000 C.T.	600	160	65	250
	PMT-73	PMTF-73	PMTS-73	PMTM-73	Driver	4.00:1	10000 C.T.	600 C.T.	900	50	200
	PMT-74	PMTF-74	PMTS-74	PMTM-74	Interstage	1.00:1	600 C.T.	600 C.T.	48	60	300
	PMT-75	PMTF-75	PMTS-75	PMTM-75	Isolation	1.00:1	15000 C.T.	15000 C.T.	925	1200	200

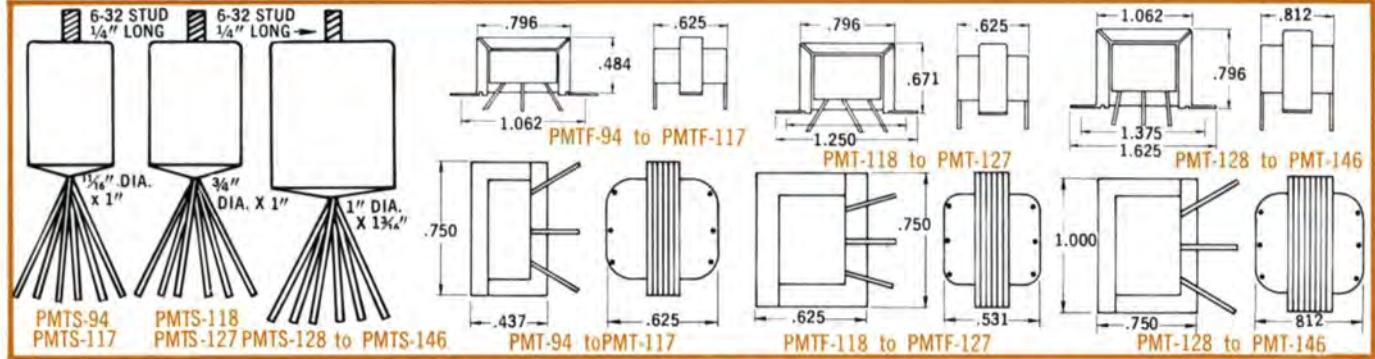
PMT-76 TO 92 — PMTF-76 TO 92 — PMTS-76 TO 92 — PMTM-76 TO 92

2	PMT-76	PMTF-76	PMTS-76	PMTM-76	Interstage	1:1	500	500	45	45	30
	PMT-77	PMTF-77	PMTS-77	PMTM-77	Output	3.4:1	600	50	57.5	5.4	30
	PMT-78	PMTF-78	PMTS-78	PMTM-78	Output	121:1	50000	3.4	2270	0.9	30
	PMT-79	PMTF-79	PMTS-79	PMTM-79	Interstage	9:1	100,000	1200 C.T.	2850	94	30
	PMT-80	PMTF-80	PMTS-80	PMTM-80	Interstage	4.6:1	25000	1200	1580	97	30
	PMT-81	PMTF-81	PMTS-81	PMTM-81	Input	1:1.4	600 C.T.	1200 C.T.	55	109	30
	PMT-82	PMTF-82	PMTS-82	PMTM-82	Interstage	6.4:1	25000 C.T.	600	1620	36	30
	PMT-83	PMTF-83	PMTS-83	PMTM-83	Output	35:1	4000 C.T.	3.2	488	0.5	30
	PMT-84	PMTF-84	PMTS-84	PMTM-84	Reactor			30 HYS @ 1 MADC	4000		30
	PMT-85	PMTF-85	PMTS-85	PMTM-85	Reactor			6 HYS @ 0.0 MADC	1400		30
	PMT-86	PMTF-86	PMTS-86	PMTM-86	Interstage	4.48:1	20000	1000	1200	63	30
	PMT-87	PMTF-87	PMTS-87	PMTM-87	Interstage	2.91:1	10000 C.T.	1000 C.T.	448	126	30
	PMT-88	PMTF-88	PMTS-88	PMTM-88	Input	1.35	50	62500	13	2450	30
	PMT-89	PMTF-89	PMTS-89	PMTM-89	Interstage	6.31:1	20000	1000 C.T.	1250	54	30
	PMT-90	PMTF-90	PMTS-90	PMTM-90	Output	30.4:1	4000 C.T.	3	410	0.85	30
	PMT-91	PMTF-91	PMTS-91	PMTM-91	Input	1:16	1000	250,000	73	4300	30
	PMT-92	PMTF-92	PMTS-92	PMTM-92	Output	4.05:1	15000	850	735	66	30

ALL UNITS HAVE 2" LEAD LENGTHS — COLOR CODED.

PICO-MINIATURE TRANSISTOR TRANSFORMERS

FOR PC BOARD APPLICATIONS



PMT-94 TO 117 — PMTF-94 TO 117 — PMTM-94 TO 117 — PMTS-94 TO 117

Section	STANCOR Part No.				Application	Turns Ratio Pri. to Sec.	Impedance (Ohms)		DC Resistance (Ohms)		Power Level (MW)
	Open	Channel Frame	Steel Case	Mu-Metal Case			Pri.	Sec.	Pri.	Sec.	
1	PMT-94	PMTF-94	PMTS-94	PMTM-94	Input	1:35	200	250,000	13.4	3580	50
	PMT-95	PMTF-95	PMTS-95	PMTM-95	Interstage	1:3	10000	90000	820	3500	50
	PMT-96	PMTF-96	PMTS-96	PMTM-96	Output	7:1	25000	500	1750	30	100
	PMT-97	PMTF-97	PMTS-97	PMTM-97	Output	24:1	30000	50	2600	4.75	100
	PMT-98	PMTF-98	PMTS-98	PMTM-98	Output	40:1	100,000	60	4800	3.5	100
	PMT-99	PMTF-99	PMTS-99	PMTM-99	Reactor		50 HYS @ 1 MADDC		4500		
	PMT-100	PMTF-100	PMTS-100	PMTM-100	Input	15.8:1	250,000	1000	2580	33	50
	PMT-101	PMTF-101	PMTS-101	PMTM-101	Input	28:1	78000	100	1700	20	100
	PMT-102	PMTF-102	PMTS-102	PMTM-102	Input	27:1	100,000	120	5300	28	50
	PMT-103	PMTF-103	PMTS-103	PMTM-103	Input	18.85:1	250,000	700	1900	20	50
	PMT-104	PMTF-104	PMTS-104	PMTM-104	Interstage	4.35:1	20000	1000	1100	95	100
	PMT-105	PMTF-105	PMTS-105	PMTM-105	Interstage	2.29:1	20000	2000	1530	185	100
	PMT-106	PMTF-106	PMTS-106	PMTM-106	Output	19.2:1	50000	120	2380	28	100
	PMT-107	PMTF-107	PMTS-107	PMTM-107	Output	18.7:1	20000	50	1530	10	75
	PMT-108	PMTF-108	PMTS-108	PMTM-108	Output	8.84:1	2500 C.T.	50	406	7	150
	PMT-109	PMTF-109	PMTS-109	PMTM-109	Output	4.44:1	1250	50	160	6	150
	PMT-110	PMTF-110	PMTS-110	PMTM-110	Output	2.72:1	400	50	30	9	75
	PMT-111	PMTF-111	PMTS-111	PMTM-111	Output	3.64:1	30000	4000	1470	147	100
	PMT-112	PMTF-112	PMTS-112	PMTM-112	Output	7.87:1	10000	125	1250	20	150
	PMT-113	PMTF-113	PMTS-113	PMTM-113	Output	1:3	10000	90000	685	2820	50
PMT-114	PMTF-114	PMTS-114	PMTM-114	Interstage	2:1	20000	4000	1980	490	100	
PMT-115	PMTF-115	PMTS-115	PMTM-115	Output	22.8:1	4000	6.4	472	0.8	150	
PMT-116	PMTF-116	PMTS-116	PMTM-116	Input	9.8:1	100000	1000	970	29	50	
PMT-117	PMTF-117	PMTS-117	PMTM-117	Reactor		6 HYS @ 1 MADDC		1530			

PMT-118 TO 127 — PMTF-118 TO 127 — PMTM-118 TO 127 — PMTS-118 TO 127

2	PMT-118	PMTF-118	PMTS-118	PMTM-118	Input	1:35	200	250,000	21.5	2650	150
	PMT-119	PMTF-119	PMTS-119	PMTM-119	Interstage	1:3	10000	90000	222	2800	150
	PMT-120	PMTF-120	PMTS-120	PMTM-120	Output	7:1	25000	500	1750	29	150
	PMT-121	PMTF-121	PMTS-121	PMTM-121	Output	24:1	30000	50	1900	3.9	150
	PMT-122	PMTF-122	PMTS-122	PMTM-122	Output	40:1	100000	60	4000	4.38	150
	PMT-123	PMTF-123	PMTS-123	PMTM-123	Reactor		50 HYS @ 1 MADDC		3200		150
	PMT-124	PMTF-124	PMTS-124	PMTM-124	Output	6.05:1	2500	50	372	7.6	150
	PMT-125	PMTF-125	PMTS-125	PMTM-125	Output	1:1.56	1250	2500	107	2.69	150
	PMT-126	PMTF-126	PMTS-126	PMTM-126	Interstage	1:10	2500	250,000	329	7200	150
	PMT-127	PMTF-127	PMTS-127	PMTM-127	Interstage	1:5	10000	250,000	1000	7200	150

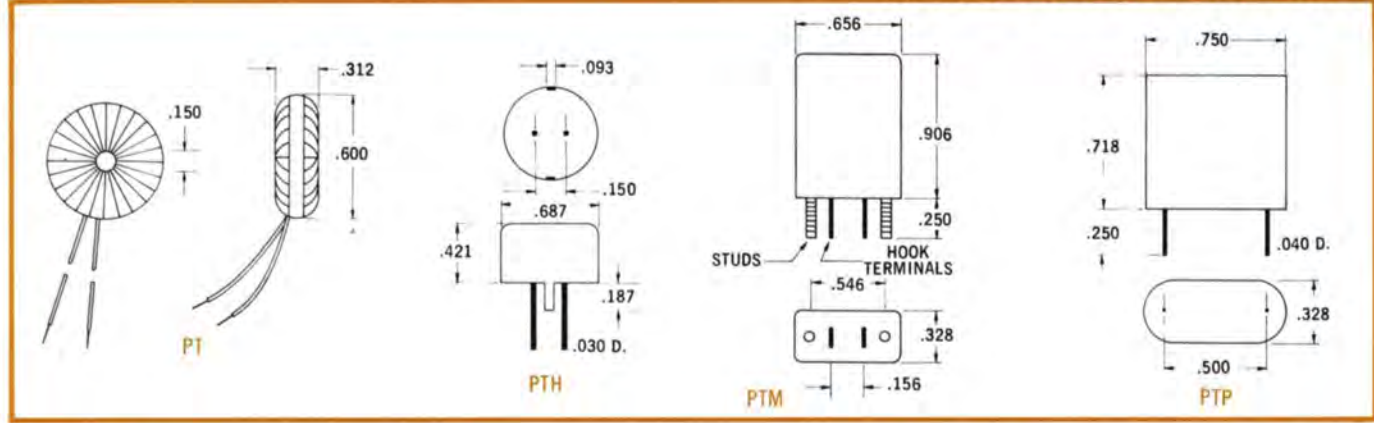
PMT-128 TO 146 — PMTM-128 TO 146 — PMTF-128 TO 146 — PMTS-128 TO 146

3	PMT-128	PMTF-128	PMTS-128	PMTM-128	Mike Input	1:9	50/250/600	50000 C.T.	24.5	2480	200
	PMT-129	PMTF-129	PMTS-129	PMTM-129	Mike Input	1:8	4/8	50000 C.T.	0.35	2600	200
	PMT-130	PMTF-130	PMTS-130	PMTM-130	Output	7:1	400 C.T.	4/8	37	1.0	200
	PMT-131	PMTF-131	PMTS-131	PMTM-131	Interstage	1:2	15000	60000	1250	3450	200
	PMT-132	PMTF-132	PMTS-132	PMTM-132	Interstage	1:2.5	15000	90000	1250	5900	200
	PMT-133	PMTF-133	PMTS-133	PMTM-133	Output	5:1	15000	50/250/600	1250	32	200
	PMT-134	PMTF-134	PMTS-134	PMTM-134	Output	5:1	160	4/8	13.7	0.72	200
	PMT-135	PMTF-135	PMTS-135	PMTM-135	Mike To Line	9:1	50000	50/250/600	2480	24.5	200
	PMT-136	PMTF-136	PMTS-136	PMTM-136	Mike To Line	1:1.5	50/250	50/250/600	17.5	33.5	200
	PMT-137	PMTF-137	PMTS-137	PMTM-137	Input	1.50	200	500,000	17.5	4800	200
	PMT-138	PMTF-138	PMTS-138	PMTM-138	Interstage	1:10	10000	1 MEG	377	5400	200
	PMT-139	PMTF-139	PMTS-139	PMTM-139	Reactor		50 HYS @ 3 MADDC		5000		200
	PMT-140	PMTF-140	PMTS-140	PMTM-140	Reactor		10 HYS @ 10 MADDC		.720		200
	PMT-141	PMTF-141	PMTS-141	PMTM-141	Reactor		1.6 HYS @ 3 MADDC		.165		200
	PMT-142	PMTF-142	PMTS-142	PMTM-142	Input	1:10	8000	800,000	377	5400	200
PMT-143	PMTF-143	PMTS-143	PMTM-143	Output	7.9:1	10000	225	1000	42	200	
PMT-144	PMTF-144	PMTS-144	PMTM-144	Input	1:35	82	100,000	14	4500	200	
PMT-145	PMTF-145	PMTS-145	PMTM-145	Input	1:11	600	75000 C.T.	48	1300	200	
PMT-146	PMTF-146	PMTS-146	PMTM-146	Microphone	1:25.4	1000	500,000	242	3500	200	

ALL UNITS HAVE 2" LEAD LENGTHS — COLOR CODED.

PICO-MINIATURE TOROIDAL INDUCTORS

FOR PC BOARD APPLICATIONS



FOR FREQUENCIES UP TO 15 KHz.

Section	STANCOR Part No.				Inductance	DCR (Ohms)	Dist. Cap (mmfd)
	Open	Crystal Case Metal	Plastic Case	Hermetic Seal			
1	PT-1	PTM-1	PTP-1	PTH-1	5.0MH	2.3	30
	PT-2	PTM-2	PTP-2	PTH-2	6.0	3.1	31
	PT-3	PTM-3	PTP-3	PTH-3	7.2	3.5	32
	PT-4	PTM-4	PTP-4	PTH-4	8.6	4.2	33
	PT-5	PTM-5	PTP-5	PTH-5	10.0	4.9	33
	PT-6	PTM-6	PTP-6	PTH-6	12.0	5.4	34
	PT-7	PTM-7	PTP-7	PTH-7	15.0	7.3	34
	PT-8	PTM-8	PTP-8	PTH-8	17.5	8.5	35
	PT-9	PTM-9	PTP-9	PTH-9	20.0	11.2	36
	PT-10	PTM-10	PTP-10	PTH-10	24.0	13.1	37
	PT-11	PTM-11	PTP-11	PTH-11	30.0	14.3	37
	PT-12	PTM-12	PTP-12	PTH-12	36.0	18.0	38
	PT-13	PTM-13	PTP-13	PTH-13	43.0	22.0	39
	PT-14	PTM-14	PTP-14	PTH-14	50.0	25.0	40
	PT-15	PTM-15	PTP-15	PTH-15	60.0	33.0	40
	PT-16	PTM-16	PTP-16	PTH-16	72.0	35.0	41
	PT-17	PTM-17	PTP-17	PTH-17	86.0	39.0	42
	PT-18	PTM-18	PTP-18	PTH-18	100.0	49.0	42
	PT-19	PTM-19	PTP-19	PTH-19	120.0	59.0	43
	PT-20	PTM-20	PTP-20	PTH-20	150.0	78.0	44
PT-21	PTM-21	PTP-21	PTH-21	175.0	85.0	44	
PT-22	PTM-22	PTP-22	PTH-22	200.0	115.0	45	
PT-23	PTM-23	PTP-23	PTH-23	240.0	130.0	46	
PT-24	PTM-24	PTP-24	PTH-24	300.0	150.0	46	
PT-25	PTM-25	PTP-25	PTH-25	360.0	190.0	47	
PT-26	PTM-26	PTP-26	PTH-26	430.0	210.0	48	
PT-27	PTM-27	PTP-27	PTH-27	500.0	290.0	48	
PT-28	PTM-28	PTP-28	PTH-28	600.0	320.0	49	
PT-29	PTM-29	PTP-29	PTH-29	720.0	350.0	50	
PT-30	PTM-30	PTP-30	PTH-30	860.0	380.0	50	
PT-31	PTM-31	PTP-31	PTH-31	1.0HY	520.0	51	
PT-32	PTM-32	PTP-32	PTH-32	1.2	580.0	52	
PT-33	PTM-33	PTP-33	PTH-33	1.5	780.0	53	
PT-34	PTM-34	PTP-34	PTH-34	1.7	880.0	53	
PT-35	PTM-35	PTP-35	PTH-35	2.0	1050.0	54	
PT-36	PTM-36	PTP-36	PTH-36	2.4	1230.0	54	
PT-37	PTM-37	PTP-37	PTH-37	3.0	1700.0	56	

FOR FREQUENCIES UP TO 100 KHz.

2	PT-38	PTM-38	PTP-38	PTH-38	1.0MH	1.2	22
	PT-39	PTM-39	PTP-39	PTH-39	1.2	1.3	23
	PT-40	PTM-40	PTP-40	PTH-40	1.5	1.8	24
	PT-41	PTM-41	PTP-41	PTH-41	1.7	2.0	25
	PT-42	PTM-42	PTP-42	PTH-42	2.0	2.1	25
	PT-43	PTM-43	PTP-43	PTH-43	2.4	2.9	26
	PT-44	PTM-44	PTP-44	PTH-44	3.0	3.2	26
	PT-45	PTM-45	PTP-45	PTH-45	3.6	4.6	27
	PT-46	PTM-46	PTP-46	PTH-46	4.3	4.8	28
	PT-47	PTM-47	PTP-47	PTH-47	5.0	5.3	28
	PT-48	PTM-48	PTP-48	PTH-48	6.0	7.2	29
	PT-49	PTM-49	PTP-49	PTH-49	7.2	8.1	30
	PT-50	PTM-50	PTP-50	PTH-50	8.6	8.7	30
	PT-51	PTM-51	PTP-51	PTH-51	10.0	12.0	31
	PT-52	PTM-52	PTP-52	PTH-52	12.0	12.5	31

FOR FREQUENCIES UP TO 100 KHz. (Cont'd)

Section	STANCOR Part No.				Inductance	DCR (Ohms)	Dist. Cap (mmfd)
	Open	Crystal Case Metal	Plastic Case	Hermetic Seal			
3	PT-53	PTM-53	PTP-53	PTH-53	15.0MH	14.0	32
	PT-54	PTM-54	PTP-54	PTH-54	17.5	19.5	33
	PT-55	PTM-55	PTP-55	PTH-55	20.0	22.0	33
	PT-56	PTM-56	PTP-56	PTH-56	24.0	24.0	34
	PT-57	PTM-57	PTP-57	PTH-57	30.0	32.0	35
	PT-58	PTM-58	PTP-58	PTH-58	36.0	34.0	36
	PT-59	PTM-59	PTP-59	PTH-59	43.0	47.0	36
	PT-60	PTM-60	PTP-60	PTH-60	50.0	51.0	37
	PT-61	PTM-61	PTP-61	PTH-61	60.0	73.0	37
	PT-62	PTM-62	PTP-62	PTH-62	72.0	79.0	38
	PT-63	PTM-63	PTP-63	PTH-63	86.0	86.0	38
	PT-64	PTM-64	PTP-64	PTH-64	100.0	115.0	39
	PT-65	PTM-65	PTP-65	PTH-65	120.0	130.0	40
	PT-66	PTM-66	PTP-66	PTH-66	150.0	180.0	40
	PT-67	PTM-67	PTP-67	PTH-67	175.0	190.0	41
	PT-68	PTM-68	PTP-68	PTH-68	200.0	210.0	42
	PT-69	PTM-69	PTP-69	PTH-69	240.0	300.0	42
	PT-70	PTM-70	PTP-70	PTH-70	300.0	330.0	43
	PT-71	PTM-71	PTP-71	PTH-71	360.0	350.0	44
	PT-72	PTM-72	PTP-72	PTH-72	430.0	470.0	45
	PT-73	PTM-73	PTP-73	PTH-73	500.0	510.0	45

FOR FREQUENCIES UP TO 5 MHz.

4	PT-74	PTM-74	PTP-74	PTH-74	.05MH	.8	10
	PT-75	PTM-75	PTP-75	PTH-75	.06	.9	10
	PT-76	PTM-76	PTP-76	PTH-76	.072	1.0	11
	PT-77	PTM-77	PTP-77	PTH-77	.086	1.05	11
	PT-78	PTM-78	PTP-78	PTH-78	.10	1.10	12
	PT-79	PTM-79	PTP-79	PTH-79	.12	1.125	13
	PT-80	PTM-80	PTP-80	PTH-80	.15	1.7	14
	PT-81	PTM-81	PTP-81	PTH-81	.175	2.0	14
	PT-82	PTM-82	PTP-82	PTH-82	.20	2.2	15
	PT-83	PTM-83	PTP-83	PTH-83	.24	2.4	15
	PT-84	PTM-84	PTP-84	PTH-84	.30	2.7	16
	PT-85	PTM-85	PTP-85	PTH-85	.36	2.9	16
	PT-86	PTM-86	PTP-86	PTH-86	.43	3.2	17
	PT-87	PTM-87	PTP-87	PTH-87	.50	3.9	17
	PT-88	PTM-88	PTP-88	PTH-88	.60	5.0	18
	PT-89	PTM-89	PTP-89	PTH-89	.72	5.4	18
	PT-90	PTM-90	PTP-90	PTH-90	.86	7.1	19
	PT-91	PTM-91	PTP-91	PTH-91	1.00	8.9	20
	PT-92	PTM-92	PTP-92	PTH-92	1.20	9.7	20
	PT-93	PTM-93	PTP-93	PTH-93	1.50	11.0	21
	PT-94	PTM-94	PTP-94	PTH-94	1.75	11.7	21
	PT-95	PTM-95	PTP-95	PTH-95	2.00	12.8	22
	PT-96	PTM-96	PTP-96	PTH-96	2.40	14.0	23
	PT-97	PTM-97	PTP-97	PTH-97	3.00	18.7	23
	PT-98	PTM-98	PTP-98	PTH-98	3.60	20.6	24
	PT-99	PTM-99	PTP-99	PTH-99	4.30	22.4	25
	PT-100	PTM-100	PTP-100	PTH-100	5.00	24.2	25
	PT-101	PTM-101	PTP-101	PTH-101	6.00	33.6	26
	PT-102	PTM-102	PTP-102	PTH-102	7.20	37.6	27
	PT-103	PTM-103	PTP-103	PTH-103	8.60	50.5	28
PT-104	PTM-104	PTP-104	PTH-104	10.00	54.5	29	

POWER TRANSFORMERS

PLATE AND FILAMENT TYPE

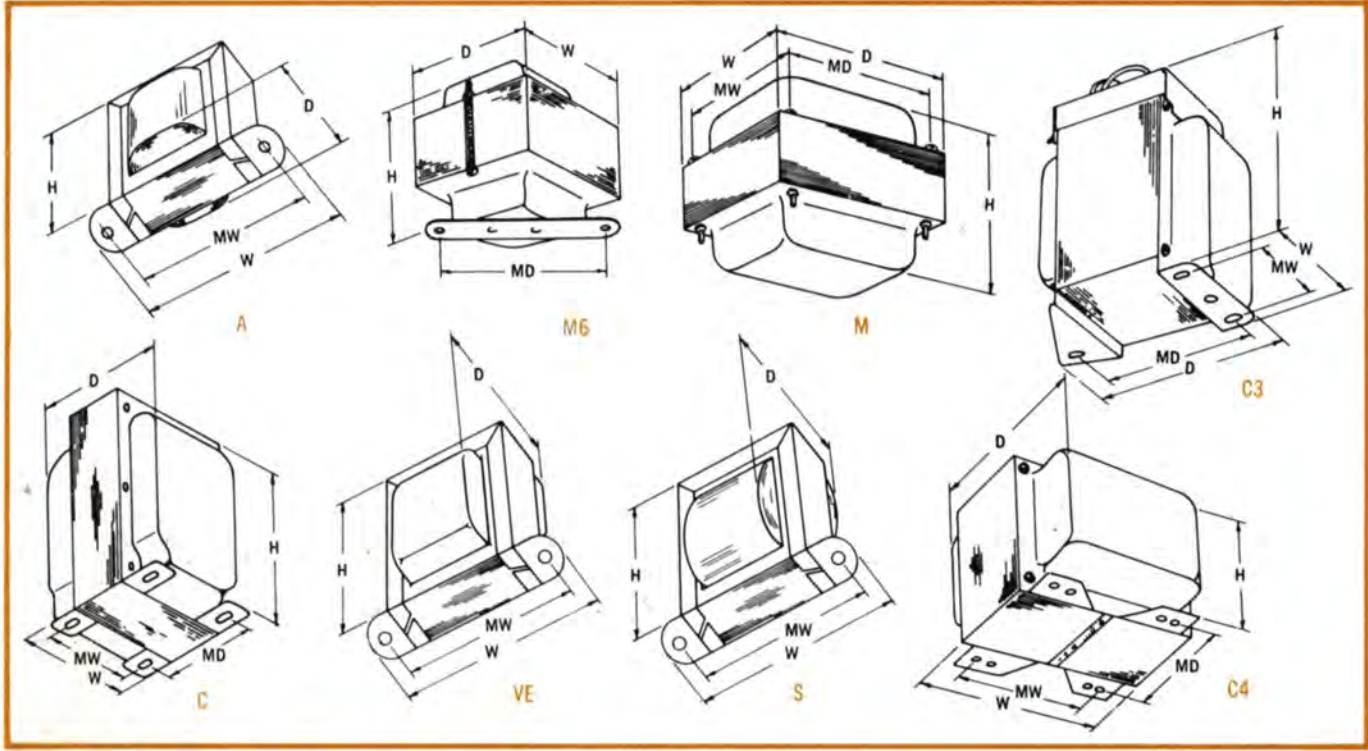
Stancor's broad line of commercial grade power transformers offers a choice of standard mounting styles. Listings are in ascending order of plate-supply voltage for ease of selection.

All units are designed and built to meet the exacting requirements of EIA for electrical tolerances, dielectric strength, temperature rise and construction. All are insulated with class A materials; (105°C max. operating temperature).

Transformers designed for full-wave C.T. rectification with capacitor input filter may be used with choke input filter allowing an increase in D.C. current of 30%.

Transformers designed for full-wave C.T. rectification with choke input filter may be used with capacitor input filter requiring a decrease in D.C. current of 25%.

CONSULT FACTORY for detailed information concerning electrical rating and/or mechanical characteristics.



FOR CAPACITOR INPUT SYSTEMS: PRIMARIES 117 VOLTS 60 Hz. §

Section	STANCOR Part No.	Style	Plate Winding		Rectifier Fila.		Other Windings		Termination		Case Dimension			Mtg. Dimension		Wt. Lbs.
			AC Volts	DCMA	Volts	Amps	Volts	Amps	Pri.	Sec.	H	W	D	MW	MD	
1	P-8379	M†	115§	290			2.7 6.3	.45 8.0	Leads	Leads	4	2 3/8	3 1/8	2 3/8	3	5.7
	P-8158	M†	117§	200			6.3 6.3 6.3	4.25 4.0 2.0	Leads	Leads	3 3/8	3 3/8	4 3/8	2 3/4	3 3/8	6.2
	P-8336	M†	117§	280			6.3 6.3 6.3	9.5 1.2 .6	Leads	Leads	4 1/4	3 3/4	4 3/8	3 1/4	4 3/8	8.0
	P-8386	C4†	117§	300			6.3	10.0	Leads	Leads	3 1/8	3 3/4	4	2 1/8	2 1/2	6.9
2	P-6146	C	120-0-120	250	5.0	3.0			Leads	Leads	3 7/8	3 1/8	3 1/4	2 1/2	1 1/8	4.2
	PS-8415	S	125¶	15			6.3	.6	Leads	Leads	1 1/8	2 3/8	1 3/8	2	—	0.7
	P-8624	S	125¶	15			12.6	0.3	Leads	Leads	1 1/8	2 3/8	1 3/8	2	—	0.7
	PS-8416	S	125-0-125	25			6.3	1.0	Leads	Leads	2 3/8	2 1/8	1 3/4	2 3/8	—	1.0
	P-1625	S	125-0-125	25			12.6	0.6	Leads	Leads	2 3/8	2 1/8	1 3/4	2 3/8	—	1.0
	P-8421	A	125§	50			6.3	2.0	Leads	Leads	2 1/4	3 1/8	2 1/8	3 1/8	—	1.5
	P-8626	A	125¶	50			12.6	1.0	Leads	Leads	2 1/4	3 1/8	2 1/8	3 1/8	—	1.5
	P-8181	VE	150¶	25			6.3 C.T.	.5	Leads	Leads	1 1/8	2 3/8	1 3/8	2	—	0.8
3	P-8627	VE	150¶	25			12.6 C.T.	0.3	Leads	Leads	1 1/8	2 3/8	1 3/8	2	—	0.8
	P-8372	M	150¶	250			6.3 6.3	8.0 1.2	Leads	Leads	4 1/8	3 3/4	4 1/2	3	3 3/4	8.7
	P-9000C	C†	155§	450			6.3 6.3	2.0 13.5	Leads	Leads	4 3/8	3 1/2	4 7/8	3 1/8	3 3/8	12.0
	P-8359	C	190-160-0-160-190	70			6.3 C.T. 6.3	3.0 .6	Leads	Leads	3 1/8	2 1/2	2 5/8	2	1 7/8	2.8
	P-8383	C	200-0-200	110			6.3 6.3 C.T.	2.0 4.0	Leads	Leads	3 1/8	2 1/2	3 1/4	2	2 1/4	3.0
	PC-8417	C	220-0-220	50			6.3 25.2	.6 .5	Leads	Leads	3 1/8	2 1/2	2 5/8	2	1 3/8	2.2

§ For use in Voltage Doubler Circuits ¶ For use in Half-Wave Circuits * New Part Number † With Copper shorting band to reduce external Magnetic Field.
 § May be operated from a 400 Hz. source with no change in output ratings. ALL SECONDARY AC VOLTAGES ±3% ALL PCC AND PSC NUMBERS MAY BE OPERATED AT 50 Hz.

POWER TRANSFORMERS

PLATE AND FILAMENT TYPE

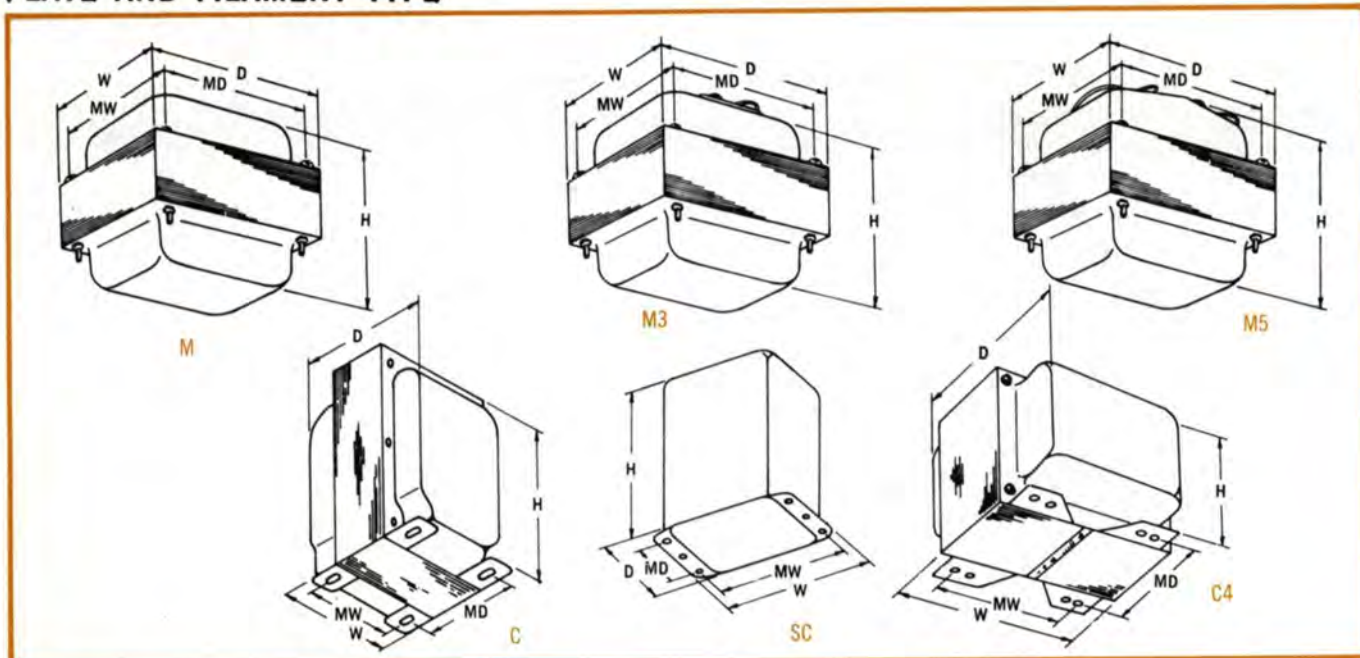
FOR CAPACITOR INPUT SYSTEMS: PRIMARIES 117 VOLTS 60 Hz. §(Cont'd)

Section	STANCOR Part No.	Style	Plate Winding		Rectifier Fila.		Other Windings		Termination		Case Dimension			Mtg. Dimension		Wt. Lbs.		
			AC Volts	DCMA	Volts	Amps	Volts	Amps	Pri.	Sec.	H	W	D	MW	MD			
1	PCC-40	SC	225-0-225	40	5.0	2.0	6.3 C.T.	2.0	Leads	Leads	3½	3½	2⅞	3⅞	2	3.2		
	PSC-40	SC	225-0-225	40	5.0	2.0	6.3 C.T.	2.0	Lugs	Lugs	3¾	3½	2⅞	3⅞	2	3.2		
	P-8155	M	225-0-225	90	5.0	2.0	6.3	5.15	Leads	Leads	3¾	2¼	3⅞	2¼	2¼	4.5		
	PC-8418	C	230-0-230	50			6.3	2.5	Leads	Leads	3⅞	2½	2⅞	2	1⅞	2.2		
	PM-8418	M	230-0-230	50			6.3	2.5	Leads	Leads	2⅞	2½	3	2	2½	2.2		
	PC-8401	C	235-0-235	40	5.0	2.0	6.3 C.T.	2.0	Leads	Leads	3⅞	2½	2⅞	2	1⅞	2.2		
	PM-8401	M	235-0-235	40	5.0	2.0	6.3 C.T.	2.0	Leads	Leads	2⅞	2½	3	2	2½	2.2		
	P-8374	M†	235-0-235	260	5.0	6.0	6.3	5.0	6.3	5.0	Leads	Leads	4⅞	3⅞	4⅞	3	3⅞	10.0
							6.3	1.2										
2	P-8382	M6	235-35	20	5.0	2.0	6.3	2.85	Leads	Leads	3⅞	2⅞	2⅞	—	2¼	2.5		
	PC-8402	C	240-0-240	55	5.0	2.0	6.3 C.T.	2.0	Leads	Leads	3⅞	2½	2¾	2	1¾	2.4		
	PM-8402	M	240-0-240	55	5.0	2.0	6.3 C.T.	2.0	Leads	Leads	2¾	2½	3	2	2½	2.4		
	P-6348	M	240-0-240	60			6.3 C.T.	2.75	Leads	Leads	2¾	2⅞	2⅞	1⅞	—	2.3		
	PC-8419	C	240-0-240	70			6.3	3.0	Leads	Leads	3⅞	2½	2⅞	2	1⅞	2.6		
	PM-8419	M	240-0-240	70			6.3	3.0	Leads	Leads	2⅞	2½	3	2	2½	2.6		
	PC-8431	C	245-0-245	40			6.3 C.T.	2.0	Leads	Leads	2⅞	2⅞	2⅞	1¾	1¾	1.6		
3	P-8173	C1	250-0-250	10			6.3	.6	Leads	Leads	2¼	2⅞	2¼	2¾	—	1.0		
							6.3	1.2										
	P-8174	C1	250-0-250	20			6.3	.6	Leads	Leads	2⅞	3⅞	2¼	2¼	—	1.5		
							6.3	1.2										
	PC-8432	C	250-0-250	55			6.3 C.T.	2.0	Leads	Leads	2⅞	2⅞	2⅞	1¾	1⅞	1.9		
	PC-8403	C	250-0-250	70	5.0	2.0	6.3 C.T.	2.5	Leads	Leads	3⅞	2½	3½	2	2¼	3.2		
PM-8403	M	250-0-250	70	5.0	2.0	6.3 C.T.	2.5	Leads	Leads	3⅞	2½	3	2	2½	3.2			
PC-8433	C	255-0-255	70			6.3 C.T.	2.5	Leads	Leads	3⅞	2½	2⅞	2	1⅞	2.3			
4	PC-8404	C	260-0-260	90	5.0	2.0	6.3 C.T.	3.0	Leads	Leads	3½	2¼	3½	2¼	2¼	4.0		
	PM-8404	M	260-0-260	90	5.0	2.0	6.3 C.T.	3.0	Leads	Leads	3½	2¼	3⅞	2¼	2¼	4.0		
	PC-8420	C	260-0-260	90			6.3	4.0	Leads	Leads	3½	2¼	3¼	2¼	2	3.5		
	PM-8420	M	260-0-260	90			6.3	4.0	Leads	Leads	3½	2¼	3⅞	2¼	2¼	3.5		
	P-8354	M5†	260-0-260	325	50 C.T.	6.0	6.3	11.0	Leads	Leads‡	5¼	3¾	4½	3⅞	4⅞	1.0		
	P-8353	C3	265-0-265	300	5.0	6.0	12.6 C.T.	6.0	Leads	Leads‡	5⅞	3¾	4¾	3	4	12.5		
	PC-8434	C	270-0-270	90			6.3 C.T.	2.5	Leads	Leads	3⅞	2½	2⅞	2	1⅞	2.3		
5	PCC-55	SC	270-0-270	55	5.0	2.0	6.3 C.T.	2.0	Leads	Leads	3½	3½	2⅞	3⅞	2	3.5		
	PSC-55	SC	270-0-270	55	5.0	2.0	6.3 C.T.	2.0	Lugs	Lugs	3¾	3½	2⅞	3⅞	2	3.5		
	PC-8405	C	270-0-270	120	5.0	3.0	6.3 C.T.	3.5	Leads	Leads	3⅞	3⅞	3½	2½	2⅞	4.9		
	PM-8405	M	270-0-270	120	5.0	3.0	6.3 C.T.	3.5	Leads	Leads	3⅞	3⅞	3¾	2½	3⅞	4.9		
	P-8172	M	270-0-270	200	5.0	3.0	6.3	8.5	Leads	Leads	4⅞	3⅞	3¾	2¼	3⅞	7.0		
	P-8356	C†	270-0-270	260	5.0	3.0	6.3	8.8	Leads	Leads	3⅞	3⅞	3⅞	2½	2¼	6.5		
	P-8376	M†	270-0-270	320	5.0	4.0	6.3	10.0	Leads	Leads	4⅞	3⅞	4¼	3	3⅞	8.5		
6	P-8377	M†	270-0-270	280	5.0	3.0	6.3	10.0	Leads	Leads	3⅞	3⅞	3⅞	2¼	3⅞	6.7		
	P-8334	M†	275-0-275	305	5.0	5.0	6.8	8.5	Leads	Leads	5⅞	3¾	4⅞	3¼	4⅞	13.0		
							6.3	1.2										
	P-8167	M†	280-0-280	400	5.0	6.0	6.3	4.5	Leads	Leads	5½	3¾	4⅞	3¼	4⅞	13.0		
							6.3	8.5										
P-8332	M†	280-0-280	260	5.0	5.0	6.3	7.1	Leads	Leads	4⅞	3¾	4⅞	3¼	4⅞	11.0			
						6.3	1.2											
						6.3	.9											

† With Copper shorting band to reduce external Magentic Field. ‡ Plate winding and rectifier filament winding Connected to Tube Socket.
 § May be operated from a 400 Hz. source with no change in output ratings. ALL SECONDARY AC VOLTAGES ±3% ALL PCC AND PSC NUMBERS MAY BE OPERATED AT 50 Hz.

POWER TRANSFORMERS

PLATE AND FILAMENT TYPE



FOR CAPACITOR INPUT SYSTEMS: PRIMARIES 117 VOLTS 60 Hz.(Cont'd)

Section	STANCOR Part No.	Style	Plate Winding		Rectifier Fila.		Other Windings		Termination		Case Dimension			Mtg. Dimension		Wt. Lbs.
			AC Volts	DCMA	Volts	Amps	Volts	Amps	Pri.	Sec.	H	W	D	MW	MD	
1	P-8373	M	280-0-280	280	5.0	3.0	6.3 24.0	10.0 2.6	Leads	Leads	4 1/4	3 3/8	3 3/4	2 1/8	3 3/8	8.0
	P-8378	C†	280-0-280 250-0-250	300	5.0/3.0	4.5	6.3 24.0	10.0 1.2	Leads	Leads	3 7/8	3 1/8	4 5/8	2 1/2	3 1/4	7.9
	P-8375	M3†	283-0-283	210	5.0 C.T.	3.0	6.3 6.3 6.3	7.5 1.5 1.2	Leads	Leads‡	4 5/8	3 3/4	4 3/8	3	3 3/4	8.3
	P-8355	C4†	285-0-285	250	5.0	3.0	6.3	9.5	Leads	Leads	3 3/8	3 3/4	3 1/2	2 1/2	2 3/8	6.5
	P-8365	M†	285-0-285	325	5.0	6.0	12.6 C.T.	6.0	Leads	Leads	4 3/8	3 3/4	4 3/8	3	3 3/4	10.2
	P-8352	C	290-0-290	240	5.0	3.0	12.6 C.T.	5.25	Leads	Leads	4 1/8	3 3/4	3 1/8	3	3 3/8	8.5
	P-8367	M5†	290-0-290	270	5.0	6.0	6.3 6.3	8.5 1.2	Leads	Leads‡	5 1/8	3 3/4	4 1/2	3	3 3/4	12.5
2	P-8381	M†	290-0-290	290	5.0	3.0	6.3 6.3	5.0 5.0	Leads	Leads	5	3 1/8	3 1/8	2 1/8	3 3/8	6.9
	P-8333	M3†	295-0-295	225	5.0 C.T.	3.0	6.3 6.3	11.4 .9	Leads	Leads‡	4 7/8	3 3/4	4 3/8	3 1/4	4 1/8	10.0
	PCC-60	SC	300-0-300	60	5.0	2.0	6.3 C.T.	3.0	Leads	Leads	3 7/8	4	3 1/4	3 1/2	2 1/4	4.5
	PSC-60	SC	300-0-300	60	5.0	2.0	6.3 C.T.	3.0	Lugs	Lugs	4 1/4	4	3 1/4	3 1/2	2 1/4	4.5
	P-6358	C	300-0-300	65			6.3 C.T.	2.7	Leads	Leads	3 1/8	2 1/2	2 1/2	2	1 3/4	3.0
	P-8175	C	300-0-300	70	5.0	3.0	6.3 C.T.	3.0	Leads	Leads	3 1/2	2 7/8	3 1/2	2 1/4	2 3/8	4.0
	PM-8423	M	300-0-300	90	5.0	2.0	6.3 C.T.	3.5	Leads	Leads	3	2 1/8	3 3/8	2 1/4	2 1/8	4.0
	P-8177	C	300-0-300	120	5.0	3.0	6.3 C.T.	3.0	Leads	Leads	3 7/8	3 3/8	3 3/8	2 3/4	2 3/8	5.8
	P-8164	M†	300-0-300	225	5.0	3.0	6.3	9.0	Leads	Leads	4 1/8	3 3/8	4 3/8	2 3/4	3 3/8	7.5
P-8335	M†	300-0-300	325	5.0	6.0	6.3 6.3	8.8 1.5	Leads	Leads	5 1/8	3 3/4	4 3/8	3 1/4	4 1/8	13.0	
3	P-8331	M†	310-0-310	240	5.0	3.0	6.3 6.3	6.4 3.0	Leads	Leads	4 1/2	3 3/4	4 3/8	3 1/4	4 1/8	9.0
	P-8370	M5†	310-0-310	320	5.0 C.T.	6.0	6.3 6.3 6.3	11.0 1.2 1.2	Leads	Leads‡	5 3/8	3 3/4	4 5/8	3	3 3/4	14.0
	P-8337	M3†	315-0-315	225	5.0	3.0	6.3	8.25	Leads	Leads‡	4 1/2	3 3/4	4 1/2	3 1/4	4 1/8	8.5
	P-8338	M†	315-0-315	310	5.0	6.0	6.7 6.4	10.0 1.6	Leads	Leads	5 1/8	3 7/8	4 3/4	3	3 3/4	12.5
	P-8371	M3†	320-0-320 200-0-200	200 80	5.0 C.T.	3.0	6.3 6.3 6.3	4.0 4.0 3.0	Leads	Leads‡	5 3/8	3 3/4	4 5/8	3	3 3/4	11.3
	P-6010	M	325-0-325	40	5.0 C.T.	2.0	6.3 C.T.	2.0	Leads	Leads	2 3/4	2 1/2	3	2	2 1/2	2.4

† With Copper shorting band to reduce external Magnetic Field.

‡ Plate winding and rectifier filament winding Connected to Tube Socket.

ALL SECONDARY AC VOLTAGES ±3%

ALL PCC AND PSC NUMBERS MAY BE OPERATED AT 50 Hz.

§ May be operated from a 400 Hz. source with no change in output ratings.

POWER TRANSFORMERS

PLATE AND FILAMENT TYPE

FOR CAPACITOR INPUT SYSTEMS: PRIMARIES 117 VOLTS 60 Hz. (Cont'd)

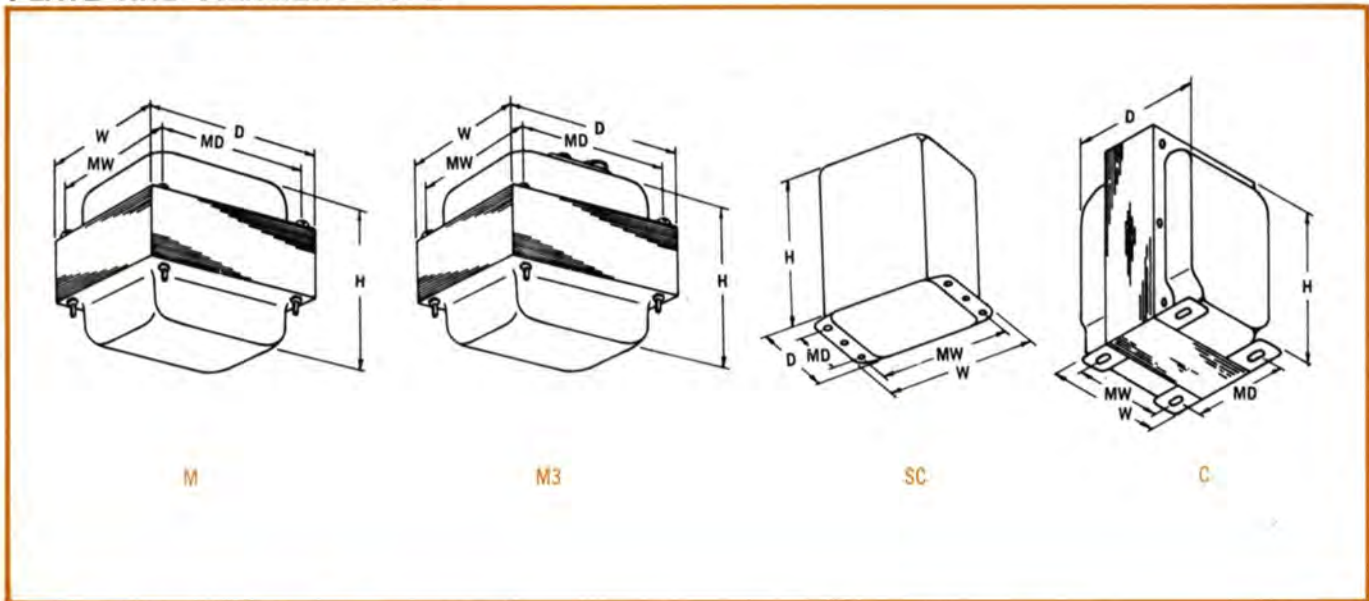
Section	STANCOR Part No.	Style	Plate Winding		Rectifier Fila.		Other Windings		Termination		Case Dimension			Mtg. Dimension		Wt. Lbs.
			AC Volts	DCMA	Volts	Amps	Volts	Amps	Pri.	Sec.	H	W	D	MW	MD	
1	PC-8406	C	325-0-325	40	5.0	2.0	6.3 C.T.	2.0	Leads	Leads	3 1/8	2 1/2	2 3/4	2	1 1/4	2.4
	PM-8406	M	325-0-325	40	5.0	2.0	6.3 C.T.	2.0	Leads	Leads	2 3/4	2 1/2	3	2	2 1/2	2.4
	PC-8407	C	325-0-325	55	5.0	2.0	6.3 C.T.	2.0	Leads	Leads	3 1/8	2 1/2	3 1/8	2	2 1/4	3.2
	PM-8407	M	325-0-325	55	5.0	2.0	6.3 C.T.	2.0	Leads	Leads	3 1/8	2 1/2	3	2	2 1/2	3.2
	PC-8437	C	325-0-325	55			6.3 C.T.	2.0	Leads	Leads	2 3/8	2 3/8	2 3/8	1 3/4	1 5/8	1.9
	PC-8422	C	325-0-325	150	5.0	3.0	6.3 C.T.	5.0	Leads	Leads	3 7/8	3 1/8	3 7/8	2 1/2	2 3/8	5.8
	PM-8422	M	325-0-325	150	5.0	3.0	6.3 C.T.	5.0	Leads	Leads	3 3/8	3 1/8	3 3/4	2 1/2	3 1/8	5.8
	P-8339	C	325-0-325	255	5.0	3.0	12.6 C.T.	5.25	Leads	Leads	4 7/8	3 3/4	4	3	3 3/4	8.5
	P-8369	M3†	325-0-325	240	5.0 C.T.	3.0	6.3 6.3 6.3	10.0 9 1.2	Leads	Leads†	5 3/8	3 3/4	4 5/8	3	3 3/4	11.5
2	PC-8436	C	330-0-330	40			6.3 C.T.	2.0	Leads	Leads	2 3/8	2 3/8	2 3/8	1 3/4	1 5/8	1.9
	PCC-85	SC	330-0-330	85	5.0	2.0	6.3 C.T.	3.0	Leads	Leads	4 3/8	4 3/8	3 1 1/8	3 7/8	2 3/4	6.0
	PSC-85	SC	330-0-330	85	5.0	2.0	6.3 C.T.	3.0	Lugs	Lugs	4 3/8	4 3/8	3 1 1/8	3 7/8	2 3/4	6.0
	PCC-70	SC	335-0-335	70	5.0	2.0	6.3 C.T.	3.0	Leads	Leads	3 7/8	4	3 1/4	3 1/2	2 1/4	4.5
	PSC-70	SC	335-0-335	70	5.0	2.0	6.3 C.T.	3.0	Lugs	Lugs	4 1/4	4	3 1/4	3 1/2	2 1/4	4.5
	P-5059	C	337-0-337	200	5.0 C.T.		6.3 C.T.	5.0	Leads*	Leads	4 1 1/8	3 3/4	4 3/8	3	3 3/8	9.6
	PC-8408	C	340-0-340	70	5.0	2.0	6.3 C.T.	2.5	Leads	Leads	3 1/2	2 1 3/8	3 3/8	2 1/4	2 1/8	3.8
	PM-8408	M	340-0-340	70	5.0	2.0	6.3 C.T.	2.5	Leads	Leads	3 1/2	2 1 3/8	3 3/8	2 1/4	2 1 3/8	3.8
	P-8166	M†	340-0-340	330	5.0	6.0	6.3 6.3 6.3	2.5 5.0 5.0	Leads	Leads	5 3/8	3 3/4	4 3/8	3 1/4	4 1/8	13.0
3	PC-8438	C	345-0-345	70			6.3 C.T.	2.5	Leads	Leads	3 1/8	2 1/2	2 3/4	2	1 3/4	2.5
	PCC-105	SC	345-0-345	105	5.0	2.0	6.3 C.T.	3.5	Leads	Leads	4 3/8	4 3/8	3 1 1/8	3 7/8	2 3/4	6.5
	PSC-105	SC	345-0-345	105	5.0	2.0	6.3 C.T.	3.5	Lugs	Lugs	4 3/8	4 3/8	3 1 1/8	3 7/8	2 3/4	6.5
	P-6011	M	350-0-350	70	5.0 C.T.	3.0	6.3 C.T.	2.5	Leads	Leads	3 3/8	2 1/2	3	2	2 1/2	3.5
	PC-8439	C	350-0-350	90			6.3 C.T.	3.0	Leads	Leads	3 1/8	2 1/2	3 1/8	2	2 3/8	3.1
	P-6012	M	350-0-350	90	5.0 C.T.	3.0	6.3 C.T.	3.5	Leads	Leads	3 1/2	2 1 3/8	3 3/8	2 1/4	2 1 3/8	4.2
	PC-8409	C	350-0-350	90	5.0	2.0	6.3 C.T.	3.0	Leads	Leads	3 1/2	2 1 3/8	3 3/8	2 1/4	2 3/8	4.5
	PM-8409	M	350-0-350	90	5.0	2.0	6.3 C.T.	3.0	Leads	Leads	3 1/2	2 1 3/8	3 3/8	2 1/4	2 1 3/8	4.5
4	P-8176	C	350-0-350	110	5.0	2.0	6.3 C.T. 6.3 C.T.	3.0 3.0	Leads	Leads	3 1 3/8	3 1/4	3 1/8	2 3/4	3	5.5
	P-6013	M	350-0-350	120	5.0 C.T.	3.0	6.3 C.T.	4.7	Leads	Leads	3 3/8	3 1/8	3 3/4	2 1/2	3 1/8	5.2
	P-8345	M†	350-0-350	215	5.0	3.0	6.3 6.3	9.0 1.2	Leads	Leads	5	3 3/4	4 3/8	3 1/4	4 1/8	11.5
	P-8350	M†	350-0-350	270	5.0 5.0	6.0 2.0	6.3 6.6	1.5 7.8	Leads	Leads	5 1/2	3 3/4	4 3/8	3 1/4	4 1/8	13.0
	P-8340	M†	355-0-355	270	5.0	6.0	6.3 6.3 6.3	9.5 1.65 2.4	Leads	Leads	5 3/8	3 3/4	4 3/8	3 1/4	4 1/8	12.0
	PC-8410	C	360-0-360	120	5.0	3.0	6.3 C.T.	3.5	Leads	Leads	3 7/8	3 1/8	3 3/4	2 1/2	2 3/8	5.5
PM-8410	M	360-0-360	120	5.0	3.0	6.3 C.T.	3.5	Leads	Leads	3 1/2	3 1/8	3 3/4	2 1/2	3 1/8	5.5	
5	P-8341	C†	360-0-360 220-0-220	175 110	5.0 5.0	3.0 2.0	12.6 C.T.	5.45	Leads	Leads	4 3/4	3 3/4	4 7/8	3	3 1/2	11.0
	P-8349	M†	360-0-360	260	5.0	6.0	5.0 6.3	2.0 8.85	Leads	Leads	5 1/2	3 3/4	4 3/8	3 1/4	4 1/8	13.0
	P-8351	M	360-0-360	240	5.0	6.0	6.5	9.3	Leads	Leads	4 1 3/8	3 3/4	4 3/8	3 1/4	4 1/8	10.5
	P-8343	C	360-0-360 220-0-220	220 110	5.0 5.0	3.0 2.0	12.8 C.T.	5.8	Leads	Leads	4 3/4	3 3/4	5 1/4	3	3 7/8	11.5
	P-8344	C†	365-0-365 200-0-200	170 84	5.0 5.0	3.0 2.0	12.6	4.25	Leads	Leads	4 3/4	3 3/4	4 1/2	3	3 1/8	9.0
	P-8342	M†	365-0-365	260	5.0	6.0	6.3 6.3	8.85 1.2	Leads	Leads	5 3/8	3 3/4	4 3/8	3 1/4	4 1/8	13.0
6	P-8348	M†	365-0-365	270	5.0	6.0	6.7	4.5	Leads	Leads	4 7/8	3 3/4	4 3/8	3 1/4	4 1/8	10.0
	PCC-150	SC	370-0-370	150	5.0	3.0	6.3 C.T. 6.3 C.T.	4.0 1.0	Leads	Leads	5 5/8	5 1/4	4 3/8	4 3/8	2 1/2	11.5
	PSC-150	SC	370-0-370	150	5.0	3.0	6.3 C.T. 6.3 C.T.	4.0 1.0	Lugs	Lugs	5 5/8	5 1/4	4 3/8	4 3/8	2 1/2	11.5
	P-6315	M	370-0-370	275	5.0 C.T.	3.0	6.3 C.T.	7.0	Leads	Leads	4 1/4	3 3/4	4 1/2	3 3/4	3	9.3
	P-8366	M†	370-0-370	220	5.0	6.0	6.3 6.3 6.3	6.0 4.0 1.2	Leads	Leads	5 1/4	3 3/4	4 3/8	3	3 3/4	11.0
	PC-8441	C	375-0-375	150	5.0	3.0	6.3 C.T.	4.5	Leads	Leads	3 7/8	3 1/8	3 3/8	2 1/2	2 3/8	4.9
	PCC-120	SC	375-0-375	120	5.0	3.0	6.3 C.T.	4.0	Leads	Leads	5 5/8	5 1/4	4 3/8	4 3/4	2 1/2	9.5
	PSC-120	SC	375-0-375	120	5.0 C.T.	3.0	6.3 C.T.	4.0	Lugs	Lugs	5 5/8	5 1/4	4 3/8	4 3/4	2 1/2	9.5
	P-6014	M	375-0-375	150			6.3 C.T.	5.0	Leads	Leads	3 3/4	3 1/8	3 3/4	2 1/2	3 1/8	6.0
	PC-8411	C	375-0-375	150	5.0	3.0	6.3 C.T.	4.5	Leads	Leads	4 1/4	3 3/8	4	2 3/4	2 1 3/8	5.8
PM-8411	M	375-0-375	150	5.0	3.0	6.3 C.T.	4.5	Leads	Leads	3 7/8	3 3/8	4 1/8	2 3/4	3 1/8	5.8	

† With Copper shorting band to reduce external Magnetic Field. ‡ Plate winding and rectifier filament winding Connected to Tube Socket. * Primary for 117-107 volts.
ALL SECONDARY AC VOLTAGES ±3% **ALL PCC AND PSC NUMBERS MAY BE OPERATED AT 50 Hz.**

§ May be operated from a 400 Hz. source with no change in output ratings.

POWER TRANSFORMERS

PLATE AND FILAMENT TYPE



FOR CAPACITOR INPUT SYSTEMS: PRIMARIES 117 VOLTS 60 Hz.(Cont'd)

STANCOR Part No.	Style	Plate Winding		Rectifier Fila.		Other Windings		Termination		Case Dimension			Mtg. Dimension		Wt. Lbs.	
		AC Volts	DCMA	Volts	Amps	Volts	Amps	Pri.	Sec.	H	W	D	MW	MD		
1	P-8171	M3†	375-0-375	225	5.0 C.T.	3.0	6.3 6.3	2.0 9.0	Leads	Leads	4 $\frac{7}{8}$	3 $\frac{3}{4}$	4 $\frac{1}{2}$	3	3 $\frac{3}{4}$	10.5
	P-8169	M†	380-0-380	220	5.0	3.0	6.3 6.3 6.3	1.2 5.0 7.0	Leads	Leads	4 $\frac{3}{4}$	3 $\frac{3}{4}$	4 $\frac{3}{8}$	3	3 $\frac{3}{4}$	10.5
	P-8170	C†	380-0-380	220	5.0	3.0	6.3 6.3 6.3	1.2 5.0 7.0	Leads	Leads	4 $\frac{3}{4}$	3 $\frac{3}{4}$	4 $\frac{3}{4}$	3	3 $\frac{3}{4}$	10.5
	PCC-200	SC	385-0-385	200	5.0	3.0	6.3 C.T. 6.3 C.T.	4.5 1.0	Leads	Leads	5 $\frac{1}{8}$	5 $\frac{1}{4}$	4 $\frac{3}{8}$	4 $\frac{3}{4}$	2 $\frac{1}{2}$	12.0
	PSC-200	SC	385-0-385	200	5.0	3.0	6.3 C.T. 6.3 C.T.	4.5 1.0	Lugs	Lugs	5 $\frac{1}{8}$	5 $\frac{1}{4}$	4 $\frac{3}{8}$	4 $\frac{3}{4}$	2 $\frac{1}{2}$	12.0
2	P-8347	M†	385-0-385	230	5.0	3.0	5.0 6.45 6.3	2.0 7.4 1.6	Leads	Leads	5 $\frac{1}{8}$	3 $\frac{3}{4}$	4 $\frac{3}{8}$	3 $\frac{1}{4}$	4 $\frac{1}{8}$	13.0
	PC-8442	C	400-0-400	200			6.3 C.T.	5.0	Leads	Leads	3 $\frac{7}{8}$	3 $\frac{1}{8}$	3 $\frac{7}{8}$	2 $\frac{1}{2}$	2 $\frac{5}{8}$	5.7
	P-8007	M	400-0-400	110	5.0 C.T.	3.0	2.5 C.T. 2.5 C.T.	15.0 3.5	Leads	Leads	3 $\frac{1}{2}$	3 $\frac{1}{8}$	3 $\frac{3}{4}$	2 $\frac{1}{2}$	3 $\frac{1}{8}$	5.4
3	P-4004	C*	400-0-400 80v. Bias	175	5.0 C.T.	3.0	2.5 6.3 C.T. 6.3 C.T.	1.75 2.5 2.5	Leads	Leads	4 $\frac{1}{16}$	3 $\frac{3}{4}$	3 $\frac{7}{8}$	3	2 $\frac{1}{16}$	8.3
	P-8346	C	400-0-400 330-0-330	180 180	5.0 5.0	3.0 3.0			Leads	Leads	4 $\frac{3}{4}$	3 $\frac{3}{4}$	4 $\frac{3}{4}$	3	3 $\frac{1}{2}$	11.0
	PC-8412	C	400-0-400	200	5.0	3.0	6.3 C.T.	5.0	Leads	Leads	4 $\frac{1}{16}$	3 $\frac{3}{4}$	4	3	2 $\frac{1}{16}$	8.2
	PM-8412	M	400-0-400	200	5.0	3.0	6.3 C.T.	5.0	Leads	Leads	3 $\frac{7}{8}$	3 $\frac{3}{4}$	4 $\frac{1}{2}$	3	3 $\frac{3}{4}$	8.2
	PC-8413	C	400-0-400	250	5.0	4.0	6.3 C.T.	5.0	Leads	Leads	4 $\frac{1}{16}$	3 $\frac{3}{4}$	4 $\frac{1}{2}$	3	3 $\frac{3}{8}$	10.0
	PCC-250	SC	400-80-0- 80-400	250	5.0	6.0	5.0 6.3 C.T.	2.0 7.0	Leads	Leads	6 $\frac{1}{16}$	5 $\frac{7}{8}$	5 $\frac{1}{8}$	5 $\frac{3}{8}$	3 $\frac{1}{2}$	15.0
	PSC-250	SC	400-80-0- 80-400	250	5.0	6.0	5.0 6.3 C.T.	2.0 7.0	Lugs	Lugs	6 $\frac{1}{16}$	5 $\frac{7}{8}$	5 $\frac{1}{8}$	5 $\frac{3}{8}$	3 $\frac{1}{2}$	15.0
4	P-8360	C	437-0-437	185	5.0	3.0	6.3 6.3	3.0 4.0	Leads	Leads	4 $\frac{1}{16}$	3 $\frac{3}{4}$	4 $\frac{1}{2}$	3	3 $\frac{3}{8}$	9.5
	P-6143	C	440-0-440	130	5.0	3.0	6.3 C.T.	3.5	Leads	Leads	4 $\frac{1}{4}$	3 $\frac{1}{8}$	4 $\frac{1}{8}$	2 $\frac{3}{4}$	2 $\frac{1}{16}$	7.0
	PC-8414	C	600-0-600	200	5.0	3.0	6.3 6.3	3.0 3.0	Leads	Leads	4 $\frac{1}{16}$	3 $\frac{3}{4}$	4 $\frac{1}{4}$	3	3 $\frac{3}{8}$	8.3

† With Copper shorting band to reduce external Magnetic Field.
 ‡ Plate winding and rectifier filament winding Connected to Tube Socket.
 ALL SECONDARY AC VOLTAGES $\pm 3\%$

* Primary for 117-107 volts.
 § May be operated from a 400 Hz. source with no change in output ratings.
 ALL PCC AND PSC NUMBERS MAY BE OPERATED AT 50 Hz.

POWER TRANSFORMERS

PLATE AND FILAMENT TYPE

SELECTING THE CORRECT POWER TRANSFORMER FOR CAPACITOR INPUT SYSTEMS

STEP 1. Check rectifier tube and all other tube filament voltage and current requirements.

STEP 2. Add together total current drawn by:

A. Plates and screen grids

B. Resistor networks

Select a power transformer which will supply maximum required D.C. voltage at total current before filter.

STEP 3. Check type of rectifier circuit and load to obtain required secondary A.C. voltage from transformer.

EXAMPLE: Power transformer for typical 10 watt audio amplifier.

Quantity of Tubes	Type No. of Tubes	Filament Voltage	Filament Current
1	5Y3-GT	5.0 V	2.0A
1	12AX7	6.3 V	0.3 A
2	12AU7	6.3 V	0.3 A (each)
2	6AQ5	6.3 V	0.45 A (each)

Total filament and heater requirements are: 5.0V 2.0 A
6.3V @ 1.8 A

Maximum D.C. voltage after filter: 285 volts.
At input capacitor of filter it will be approximately 325 volts D.C.

Current ratings for various amplifier stages (approximate):

12AX7	RC Coupled	2 ma. (total both sections)
12AU7	RC Coupled	10 ma. (total both sections)
6AQ5	(thru output transformer)	74 ma.*
		86 ma.

Tube characteristic data for the 5Y3-GT rectifier tube with capacitor input filter indicates an A.C. voltage requirement of approximately 335 volts R.M.S. per plate.

Selection based on total requirements: PC-8410 or PM-8410 depending on physical mounting style used.

* Includes screen grid current for each tube in the output stage.

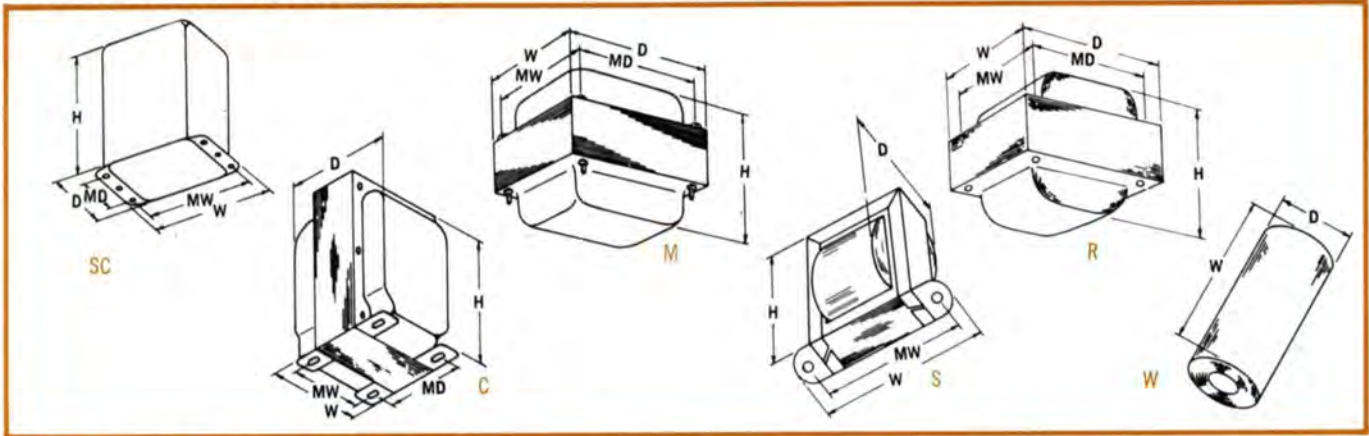
FOR REACTOR INPUT SYSTEMS: PRIMARIES 117 VOLTS 50/60 Hz. §

Section	STANCOR Part No.	Style	Plate Winding		Rectifier Fila.		Other Windings		Termination		Case Dimension			Mtg. Dimension		Wt. Lbs.
			AC Volts	DCMA	Volts	Amps	Volts	Amps	Pri.	Sec.	H	W	D	MW	MD	
1	PCR-55	SC	350-0-350	55	5.0	2.0	6.3 C.T.	2.0	Leads	Leads	3½	3½	2⅞	3⅞	2	3.25
	PSR-55	SC	350-0-350	55	5.0	2.0	6.3 C.T.	2.0	Lugs	Lugs	3¾	3½	2⅞	3⅞	2	3.25
	PCR-70	SC	425-0-425	70	5.0	2.0	6.3 C.T.	3.0	Leads	Leads	3⅞	3¼	4	3½	2¼	4.5
	PSR-70	SC	425-0-425	70	5.0	2.0	6.3 C.T.	3.0	Lugs	Lugs	4¼	3¼	4	3½	2¼	4.5
	PCR-85	SC	440-0-440	85	5.0	2.0	6.3 C.T.	3.0	Leads	Leads	4⅞	4⅞	3⅞	3⅞	2¾	6.0
	PSR-85	SC	440-0-440	85	5.0	2.0	6.3 C.T.	3.0	Lugs	Lugs	4⅞	4⅞	3⅞	3⅞	2¾	6.0
2	PCR-105	SC	450-0-450	105	5.0	2.0	6.3 C.T.	3.0	Leads	Leads	4⅞	4⅞	3⅞	3⅞	2¾	6.5
	PSR-105	SC	450-0-450	105	5.0	2.0	6.3 C.T.	3.0	Lugs	Lugs	4⅞	4⅞	3⅞	3⅞	2¾	6.5
	PCR-120	SC	500-0-500	120	5.0	3.0	6.3 C.T.	4.0	Leads	Leads	5⅞	5¼	4⅞	4¾	2½	9.5
	PSR-120	SC	500-0-500	120	3.0	3.0	6.3 C.T.	4.0	Lugs	Lugs	5⅞	5¼	4⅞	4¾	2½	9.5
	PCR-150	SC	510-0-510	150	5.0	3.0	6.3 C.T. 6.3 C.T.	1.0 4.0	Leads	Leads	5⅞	5¼	4⅞	4¾	2½	11.5
	PSR-150	SC	510-0-510	150	5.0	3.0	6.3 C.T. 6.3 C.T.	1.0 4.0	Lugs	Lugs	5⅞	5¼	4⅞	4¾	2½	11.5
3	PCR-200	SC	520-0-520	200	5.0	3.0	6.3 C.T. 6.3 C.T.	1.0 4.5	Leads	Leads	5⅞	5¼	4⅞	4¾	2½	12.25
	PSR-200	SC	520-0-520	200	5.0	3.0	6.3 C.T. 6.3 C.T.	1.0 4.5	Lugs	Lugs	5⅞	5¼	4⅞	4¾	2½	12.25
	PCR-300	SC	550-370-75-0 -75-370-550	300	5.0	6.0	6.3 C.T. 6.3 C.T.	1.0 5.0	Leads	Leads	6⅞	5⅞	5⅞	5⅞	3½	17.5
	PSR-300	SC	550-370-75-0 -75-370-550	300	5.0	6.0	6.3 C.T. 6.3 C.T.	1.0 5.0	Lugs	Lugs	6⅞	5⅞	5⅞	5⅞	3½	17.5

ALL SECONDARY AC VOLTAGES ±3% § May be operated from a 400 Hz. source with no change in output ratings.

POWER TRANSFORMERS

PLATE AND FILAMENT TYPE



FOR REGULATED POWER SUPPLIES: PRIMARIES 117 VOLTS 50/60 Hz. §

Section	STANCOR Part No.	Style	Plate Winding		Rectifier Fila.		Other Windings		Termination		Case Dimension			Mtg. Dimension		Wt. Lbs.
			AC Volts	DCMA	Volts	Amps	Volts	Amps	Pri.	Sec.	H	W	D	MW	MD	
1	PSC-165	SC	440-0-440	165	5.0	3.0	6.3 6.4 6.3 6.3	0.6 3.0 3.0 7.5	Lugs	Lugs	5 $\frac{1}{8}$	5 $\frac{1}{4}$	4 $\frac{1}{8}$	4 $\frac{3}{4}$	2 $\frac{1}{2}$	12.0
	PSC-205	SC	450-0-450	200	5.0	2.0	6.3 6.3 6.3	0.6 4.0 4.0	Lugs	Lugs	5 $\frac{1}{8}$	5 $\frac{1}{4}$	4 $\frac{1}{8}$	4 $\frac{3}{4}$	2 $\frac{1}{2}$	12.0

§ May be operated from a 400 Hz. source with no change in output ratings.

FOR BIAS SUPPLIES: PRIMARIES 117 VOLTS 50/60 Hz. §

2	1BC-150	SC	180-160-140-120-0-120-140-160-180	150	5.0	3.0			Lugs	Lugs	4 $\frac{1}{4}$	4	3 $\frac{1}{4}$	3 $\frac{1}{2}$	2 $\frac{1}{4}$	5.0
	1BS-150	SC	180-160-140-120-0-120-140-160-180	150	5.0	3.0			Lugs	Lugs	4 $\frac{1}{4}$	4	3 $\frac{1}{4}$	3 $\frac{1}{2}$	2 $\frac{1}{4}$	5.0
	2BC-150	SC	180-160-140-120-0-120-140-160-180	150	5.0	3.0	(Pri.-230v.)		Lugs	Lugs	4 $\frac{1}{4}$	4	3 $\frac{1}{4}$	3 $\frac{1}{2}$	2 $\frac{1}{4}$	5.0
	2BS-150	SC	180-160-140-120-0-120-140-160-180	150	5.0	3.0	(Pri.-230v.)		Lugs	Lugs	4 $\frac{1}{4}$	4	3 $\frac{1}{4}$	3 $\frac{1}{2}$	2 $\frac{1}{4}$	5.0
	P-6317	C	200-170-130-90-0-90-130-170-200	200	5.0	3.0			Lugs	Lugs/Lugs	3 $\frac{7}{8}$	3 $\frac{1}{8}$	3 $\frac{7}{8}$	2 $\frac{1}{2}$	2 $\frac{3}{8}$	4.9
	P-6318	C	450-400-350-250-0-250-350-400-450	200	5.0	3.0			Lugs	Lugs/Lugs	4 $\frac{1}{8}$	3 $\frac{1}{8}$	4 $\frac{1}{4}$	2 $\frac{3}{4}$	2 $\frac{1}{8}$	7.0

§ May be operated from a 400 Hz. source with no change in output ratings.

FOR CATHODE RAY TUBES: PRIMARIES 117 VOLTS 60 Hz. §

3	P-8150	SC	1550 \ddagger	1.5	2.5	1.75			Lugs	Lugs	3 $\frac{1}{8}$	3	2 $\frac{1}{2}$	2 $\frac{1}{8}$	1 $\frac{3}{4}$	1.8
	P-8179	M	1600 \ddagger	3.0			6.3/5/2.5 6.3/5/2.5	1.0 3.0	Lugs	Lugs	3 $\frac{1}{2}$	2 $\frac{1}{2}$	3	2	2 $\frac{1}{2}$	3.5
	P-8178	C	1800 \ddagger	2.0	2.5	1.8	2.5 6.3	2.2 0.6	Lugs	Lugs	3 $\frac{7}{8}$	3 $\frac{1}{8}$	3 $\frac{3}{4}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$	5.0
	P-8151	C	2400 \ddagger	5.0	2.5	2.0	2.5	2.0	Lugs	Lugs	4 $\frac{1}{4}$	3 $\frac{3}{8}$	3 $\frac{7}{8}$	2 $\frac{3}{4}$	2 $\frac{1}{8}$	6.4

§ May be operated from a 400 Hz. source with no change in output ratings.

FOR SOLAR CF-160 CONDENSER TESTER: PRIMARIES 117 VOLTS 60 Hz. §

4	P-6459	R	550 \ddagger 55	30 60			6.3 6.3	0.9 0.6	Lugs	Lugs	2 $\frac{1}{4}$	2 $\frac{3}{8}$	2 $\frac{3}{8}$	1 $\frac{3}{4}$	2 $\frac{3}{8}$	1.4
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§ May be operated from a 400 Hz. source with no change in output ratings.

FOR 100 WS ELECTRONIC PHOTOFLASH: PRIMARIES 105/115/125 VOLTS 60 Hz. §

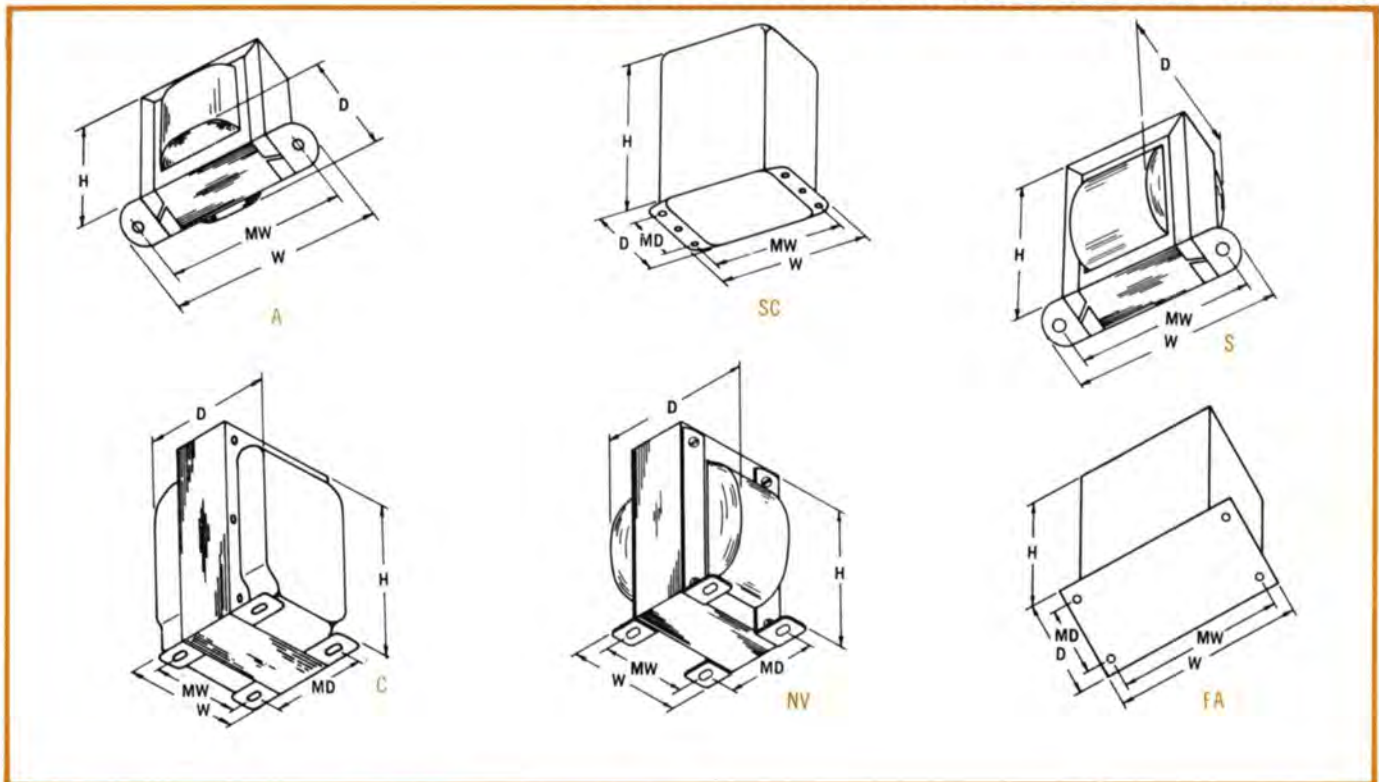
5	P-6425	S	380 \ddagger	20	Charges 1050 mfd. to 450 volts D.C.				Lugs	Lugs	2 $\frac{3}{8}$	2 $\frac{7}{8}$	2	2 $\frac{3}{8}$	—	1.4
	P-6426	W	Trigger Coil for use with P-6425. Ratio 1 to 35			Write for Bulletin #470R for Circuit Details			Lugs	Lugs	—	3 $\frac{1}{4}$	3 $\frac{1}{8}$	—	—	0.2

\ddagger For use in Half-Wave Circuits. § May be operated from a 400 Hz. source with no change in output ratings.

ALL SECONDARY AC VOLTAGES $\pm 3\%$

FILAMENT TRANSFORMERS

ALSO USED IN CONTROL/RECTIFIER APPLICATIONS



WITH SINGLE SECONDARY: ALL PRIMARIES 50/60 Hz. §

Section	STANCOR Part No.	Style	Secondary		Insulation Test RMS Volts*	Primary Volts	Termination		Case Dimension			Mtg. Dimension		Wt. Lbs.
			Volts	Amps.			Pri.	Sec.	H	W	D	MW	MD	
1	•P-8628	A	2.5 C.T.	0.3	1500	117	Leads	Leads	1 1/4	2 1/8	1 3/8	1 3/4	—	0.3
	•P-8629	A	2.5	1.0	1500	117	Leads	Leads	1 3/8	2 3/8	1 3/8	2	—	0.4
	P-4026	A	2.5	1.5	2500	117	Leads	Leads	1 5/8	2 7/8	1 5/8	2 3/8	—	0.7
	P-4082	SC	2.5 C.T.	2.5	2500	117/107	Leads	Leads	2 1/4	2 1/2	2 1/4	2 3/8	1 1/2	1.5
	P-6133†	S	2.5 C.T.	5.0	7500	117	Leads	Leads	2 3/4	3 1/8	2 1/4	2 1/2	—	1.5
	F-25	SC	2.5 C.T.	5.25	3500	115/230	Lugs	Lugs	3 1/4	3	2 1/2	2 1/2	1 3/4	2.0
	P-4083†	C	2.5 C.T.	6.0	2500	117/107	Leads	Leads	3 1/8	2 1/2	2 1/2	2	1 1/2	2.2
	P-3024†	C	2.5 C.T.	10.0	2500	117/107	Leads	Leads	3 1/8	2 1/2	2 3/4	2	1 3/4	2.5
	P-6454	S	2.5 C.T.	10.0	7500	117/107	Leads	Leads	3 1/8	3 3/8	2 1/2	3 1/8	—	2.5
	P-3060	NV	2.5 C.T.	10.0	10000	117	Lugs	Lugs	3 1/8	2 1/2	2 3/8	2 1/4	1 7/8	2.5
2	F-210	SC	2.5 C.T.	10.0	5000	115/230	Terms	Terms	3 3/4	3 1/2	2 7/8	3 1/8	2	3.0
	F-210H	SC	2.5 C.T.	10.0	9000	115/230	Terms	Terms	4 1/4	4	3 1/4	3 1/2	2 1/4	4.0
	F-215H	SC	2.5 C.T.	15.0	9000	115/230	Terms	Terms	4 3/4	4 3/4	3 1/2	3 7/8	2 3/4	6.0
	P-3026†	C	5.0 C.T.	3.0	2500	117/107	Leads	Leads	3 1/8	2 1/2	2 5/8	2	1 5/8	2.4
	P-4088†	NV	5.0 C.T.	3.0	2500	117	Lugs	Lugs	3 1/8	2 1/2	2 1/4	2	1 5/8	1.8
	P-6467	A	5.0 C.T.	3.0	2500	117	Leads	Leads	2	3 1/4	2 1/8	2 1/2	—	1.4
	F-54†	SC	5.0 C.T.	4.0	2500	115/230	Lugs	Lugs	3 3/8	3	2 1/2	2 1/2	1 3/4	2.2
	P-6455	S	5.0 C.T.	6.0	2000	117/107	Leads	Leads	2 3/4	3 1/8	2 1/8	2 1/2	—	2.0
	P-3062†	NV	5.0 C.T.	6.0	2500	117	Lugs	Lugs	3 1/8	2 1/2	2 1/4	2	2	2.3
	P-5000†	C	5.0 C.T.	6.0	2500	117/107	Leads	Leads	3 1/8	2 1/2	3	2	2	3.1
	P-6135	NV	5.0 C.T.	10.0	2500	117	Leads	Leads	3 1/8	2 1/2	2 3/4	2	2 3/8	3.0
	F-58	SC	5.0 C.T.	10.0	2500	115/230	Terms	Terms	3 3/4	3 1/2	2 7/8	3 1/8	2	3.5
3	F-510H†	SC	5.0 C.T.	10.0	10000	115/230	Terms	Terms	4 1/4	4 3/8	3 1/2	3 7/8	2 3/4	6.5
	P-4086†	FA	5.0 C.T.	14.0	10000	117/107	Terms	Terms	5 1/8	7	4 1/4	6	2 3/4	12.3
	P-6433†	NV	5.0 C.T.	15.0	2500	117	Leads	Leads	3 1/8	2 1/2	2 3/4	2	2 1/4	3.0
	F-516	SC	5.0 C.T.	20.0	2500	115/230	Terms	Terms	4 1/4	4 3/8	3 1/2	3 7/8	2 3/4	6.5
	F-520HB	SC	5.0 C.T.	20.0	10000	115/230	Terms	Terms	5 3/8	5 1/4	4 3/8	4 3/4	2 1/2	13.0
	P-6432†	NV	5.0 C.T.	21.0	2500	117	Leads	Leads	3 1/8	3 1/8	2 7/8	2 1/2	2 1/4	4.5
	P-6302†	FA	5.0 C.T.	22.0	10000	117/107	Terms	Terms	5 1/8	7	4 1/4	6	2 3/4	13.5
	P-6492	C	5.0 C.T.	30.0	2500	117	Leads	Leads	4 1/4	3 3/4	4	3	2 1/2	7.5
	P-6468†	C	5.0 C.T.	30.0	2500	117/107	Lugs	Lugs	4 1/4	3 3/8	3 7/8	2 3/4	2 1/2	6.3
	F-530	SC	5.0 C.T.	30.0	2500	115/230	Terms	Terms	5 3/8	5 1/4	4 3/8	4 3/4	2 1/2	10.5
	P-6305†	FA	5.0 C.T.	30.0	10000	117/107	Terms	Terms	5 1/8	7	4 1/4	6	2 3/4	18.3

† Has Electrostatic shield.

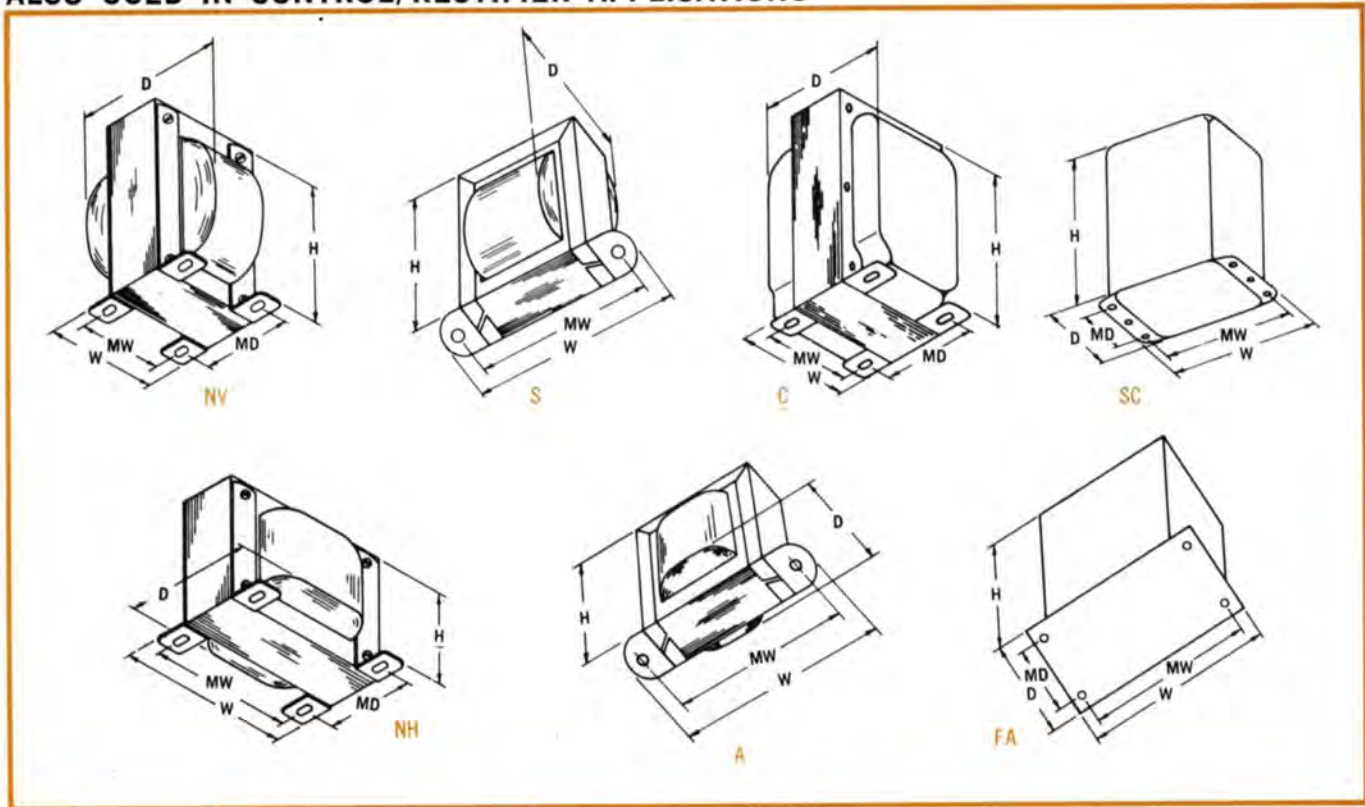
* Insulation Test Voltage: Twice Allowable RMS Working Voltage plus 1000 Volts.

§ May be operated from a 400 Hz. source with no change in output ratings. ALL SECONDARY VOLTAGES ±3%

• New Part Number.

FILAMENT TRANSFORMERS

ALSO USED IN CONTROL/RECTIFIER APPLICATIONS



WITH SINGLE SECONDARY: ALL PRIMARIES 50/60 Hz.(Cont'd)

Section	STANCOR Part No.	Style	Secondary		Insulation Test RMS Volts*	Primary Volts	Termination		Case Dimension			Mtg. Dimension		Wt. Lbs.
			Volts	Amps.			Pri.	Sec.	H	W	D	MW	MD	
1	P-6137†	NV	5.25 C.T.	13.0	2500	117	Leads	Leads	3 1/8	3 1/8	3 1/8	2 1/2	2 1/2	5.2
	P-8385	A	6.3 C.T.	0.3	1500	117	Leads	Leads	1 1/4	2 1/8	1 3/8	1 3/4	—	0.3
	P-6465	A	6.3 C.T.	.6	1500	117	Leads	Leads	1 3/8	2 3/8	1 1/2	2	—	0.4
	P-8705	A	6.3 C.T.	0.6	1500	230	Leads	Leads	1 3/8	2 3/8	2 1/2	2	—	0.4
	P-8389	A	6.3	1.0	1500	117	Leads	Leads	1 3/8	2 7/8	1 1/2	2 3/8	—	0.6
	P-6134	A	6.3 C.T.	1.2	3000	117	Leads	Leads	1 3/8	2 7/8	1 7/8	2 3/8	—	0.8
	P-8190	A	6.3	1.2	5000	117	Leads	Leads	2	3 1/4	1 7/8	2 1/8	—	1.0
	P-8191	A	6.3	1.2	5000	6.3	Leads	Leads	2	3 1/4	2	2 1/8	—	1.0
	F-615†	SC	6.3 C.T.	1.5	2500	115/230	Lugs	Lugs	2 1/8	2 1/8	2 1/4	2 3/8	1 1/2	1.0
	F-63†	SC	6.3 C.T.	3.0	2500	115/230	Lugs	Lugs	3 1/8	3	2 1/2	2 1/8	1 3/4	2.0
2	P-5014†	NV	6.3 C.T.	3.0	2500	117	Lugs	Lugs	3 1/8	2 1/2	2 1/2	2	1 3/4	2.0
	P-6466	A	6.3 C.T.	3.0	2500	117	Leads	Leads	2	3 1/4	2 1/8	2 3/8	—	1.4
	P-6462	S	6.3	3.0	7000	117/107	Leads	Leads	3 1/8	3 3/8	2 3/8	3 1/8	—	2.0
	P-4019†	C	6.3 C.T.	4.0	2500	117/107	Leads	Leads	3 1/8	2 1/2	2 3/4	2	1 3/4	2.7
	F-85	SC	6.3 C.T.	5.5	2500	115/230	Lugs	Lugs	3 3/4	3 1/2	2 7/8	3 1/8	2	3.0
	P-3064†	NV	6.3 C.T.	6.0	2500	117	Lugs	Lugs	3 1/8	2 1/2	2 3/8	2	2	2.4
	P-4089	C	6.3 C.T.	6.0	2500	117/107	Leads	Leads	3 1/2	2 1/8	3 1/4	2 1/4	2	3.5
	P-6456	A	6.3 C.T.	6.0	2000	117/107	Leads	Leads	2 3/8	3 3/4	2 3/8	3 1/8	—	2.0
	P-6464	C	6.3 C.T.	10.0	2000	117	Leads	Leads	3 1/2	2 1/8	3 1/4	2 1/4	2	3.5
	P-6308†	NV	6.3 C.T.	10.0	2500	117/107	Leads	Leads	3 1/8	2 1/8	2 3/8	2 1/4	2 1/8	3.4
	F-610	SC	6.3 C.T.	10.0	2500	115/230	Terms	Terms	4 1/4	4	3 1/4	3 1/2	2 1/4	9.0
	P-6309	NV	6.3 C.T.	20.0	2500	117/107	Leads	Leads	4 1/8	3 3/4	3 3/8	3	2 3/8	6.7
	P-5015†	NV	7.5 C.T.	4.0	2500	117	Lugs	Lugs	3 1/8	2 1/2	2 1/4	2	2 1/8	2.7
3	P-4091†	C	7.5 C.T.	5.0	2500	117/107	Leads	Leads	3 1/2	2 1/8	3 1/8	2 1/4	1 7/8	3.4
	P-6138†	NV	7.5 C.T.	8.0	2500	117	Leads	Leads	3 1/8	3 1/8	2 3/4	2 1/2	2 3/8	4.7
	F-712	SC	7.5 C.T.	12.0	2500	115/230	Terms	Terms	4 1/8	4 1/8	3 1/8	3 3/8	2 3/4	6.5
	P-6457	C	7.5 C.T.	21.0	2000	117/107	Leads	Leads	4 3/8	3 3/4	4	3	2 3/4	8.0
	F-725	SC	7.5 C.T.	25.0	2500	115/230	Terms	Terms	5 3/8	5 1/4	4 3/8	4 3/4	2 1/2	12.0
	F-751	SC	7.75 C.T.	51.0	2500	115/230	Terms	Terms	7 1/8	6 1/2	6 1/8	6	4 1/4	29.0
	P-8380	A	10.0 C.T.	3.0	1500	117	Leads	Leads	2 3/8	3 3/4	2 1/4	3 1/8	—	1.6
	F-104	SC	10.0 C.T.	4.0	2500	115/230	Lugs	Lugs	3 3/4	3 1/2	2 7/8	3 1/8	2	3.2
	P-5016†	NV	10.0 C.T.	4.0	2500	117	Lugs	Lugs	3 3/8	2 1/8	2 1/2	2 1/4	2	3.3
	P-6458	NV	10.0 C.T.	5.0	2000	117/107	Leads	Leads	3 1/8	2 1/2	2 1/2	2 1/8	1 3/8	3.0
	P-4096†	C	10.0 C.T.	5.0	2500	117/107	Leads	Leads	3 7/8	3 1/8	3 1/4	2 1/2	1 3/8	4.0
	F-106	SC	10.0 C.T.	6.5	2500	115/230	Terms	Terms	4 1/4	4	3 1/4	3 1/2	2 1/4	5.0

† Has Electrostatic shield. * Insulation Test Voltage: Twice Allowable RMS Working Voltage plus 1000 Volts.
 ‡ May be operated from a 400 Hz. source with no change in output ratings. ALL SECONDARY VOLTAGES ±3% • New Part Number.

FILAMENT TRANSFORMERS

ALSO USED IN CONTROL/RECTIFIER APPLICATIONS

WITH SINGLE SECONDARY: ALL PRIMARIES 50/60 Hz. §(Cont'd)

Section	STANCOR Part No.	Style	Secondary		Insulation Test RMS Volts*	Primary Volts	Termination		Case Dimension			Mtg. Dimension		Wt. Lbs.	
			Volts	Amps.			Pri.	Sec.	H	W	D	MW	MD		
1	P-6139†	NV	10.0 C.T.	8.0	2500	117	Leads	Leads	3 1/8	3 1/8	3	2 1/2	2 3/8	4.9	
	P-4097†	C	10.0 C.T.	8.0	2500	117/107	Leads	Leads	3 7/8	3 1/8	3 3/4	2 1/2	2 1/2	5.2	
	P-6461	C	10.0 C.T.	10.0	2000	117	Leads	Leads	3 7/8	3 1/4	3 3/4	2 3/4	2 1/2	5.0	
	F-1010	SC	10.0 C.T.	10.0	2500	115/230	Terms	Terms	4 1/4	4 3/4	3 1/2	3 7/8	2 3/4	6.5	
	P-5002†	FA	10.0 C.T.	12.0	7500	117/107	Terms	Terms	5 1/8	7	4 1/4	6	2 3/4	14.7	
	P-3020†	C	11.0 C.T.	10.0	2500	117/107	Leads	Leads	4 1/4	3 3/4	3 3/8	3	2 1/2	7.7	
	P-8384	A	12.6 C.T.	1.0	1500	117	Leads	Leads	2	3 1/4	1 3/4	2 1/2	—	0.9	
	P-8130	A	12.6 C.T.	2.0	1500	117	Leads	Leads	2	3 1/4	2 1/8	2 1/2	—	1.4	
	P-8715	A	12.6 C.T.	2.0	1500	230	Leads	Leads	2	3 1/4	2 1/8	2 1/2	—	1.4	
	P-8358	A	12.6 C.T.	3.0	1500	117	Leads	Leads	2 3/8	3 3/4	2 1/4	3 1/8	—	1.6	
P-6469	A	25.2	1.0	1500	117	Leads	Leads	2	3 1/4	2 1/8	2 1/2	—	1.4		
2	P-8180	A	25.2 C.T.	1.0	1500	117	Leads	Leads	2	3 1/4	2 1/8	2 1/2	—	1.4	
	P-8357	A	25.2 C.T.	2.0	1500	117	Leads	Leads	2 5/8	4	2 1/4	3 3/8	—	2.2	
	P-8388	A	25.2 C.T.	2.8	1500	117	Leads	Leads	2 5/8	4	2 1/4	3 3/8	—	2.2	
	P-8608	A	26.5 C.T.	.6	2500	117	Leads	Leads	2	3 1/4	2 1/8	2 1/2	—	1.3	
	P-8609	A	26.8 C.T.	1.0	1500	117	Leads	Leads	2	3 1/4	2 1/8	2 1/2	—	1.3	
	P-8606	A	26 V C.T. Nominal	.040	2500	117	Leads	Leads	1 1/4	2 1/8	1 3/8	1 3/4	—	.25	
	P-8607	A	26 V C.T. Nominal	.25	2500	117*	Leads	Leads	1 5/8	2 7/8	1 3/4	2 3/8	—	.70	
	P-8605	A	48 V C.T. Nominal	1.0	2500	117*	Leads	Leads	2 5/8	4	2 3/8	3 3/8	—	2.3	
	* Primary tapped to provide secondary voltages of 24.5 CT or 27.5 CT or 29 CT.														
	* Primary tapped to provide secondary voltages of 24.5 CT or 27.5 CT or 29 CT.														
* Primary tapped to provide secondary voltages of 45 CT or 51 CT or 54 CT.															

§May be operated from a 400 Hz. source with no change in output ratings.

WITH MULTIPLE SECONDARIES: ALL PRIMARIES 50/60 Hz. §

3	P-6144†	C	2.5 C.T. 5.0 C.T. 6.3 C.T.	3.5 3.0 3.0	2500	117*	Leads	Leads	3 1/2	2 1/8	3 1/4	2 1/4	2	3.7
	P-6338	NH	2.5 6.0 6.0 C.T. 6.3 C.T.	3.0 3.0 2.0 3.0	2500	117	Leads	Leads	2 7/8	3 3/8	2 3/4	2 1/8	2 1/8	3.4
	P-5009†	C	5.0 C.T. 6.3 C.T.	3.0 6.0	2500	117/107	Leads	Leads	3 7/8	3 1/8	3 3/8	2 1/2	2 1/8	4.5
	P-5008†	C	5.0 C.T. 6.3 C.T.	4.0 3.6	2500	117/107	Leads	Leads	3 1/2	2 1/8	3 1/4	2 1/4	2	3.8
	P-4022†	C	5.0 C.T. 6.3 C.T.	6.0 6.0	2500	117/107	Leads	Leads	3 7/8	3 1/8	3 1/2	2 1/2	2 1/8	4.8
4	P-6333	NH	5.0 5.0 6.3 C.T. 7.5/6.3 C.T.	3.0 3.0 4.0 3.0	2500	117	Lugs	Lugs	2 7/8	3 3/8	3 1/4	2 1/8	2 3/4	4.7
	P-6463	NV	6.0 C.T. or 6.5 C.T. or 7.0 C.T.	13	2000	117	Lugs	Lugs	3 3/8	2 1/8	2 7/8	2 1/4	2 1/8	4.5
	P-6428†	C	6.3 6.3 6.3 6.3 C.T.	1.75 1.75 1.75 1.75	2500	117	Leads	Leads	3 1/8	2 1/2	3 1/8	2	2	3.0
	P-6430†	C	6.3 C.T. 6.3 C.T.	3.0 3.0	2500	117	Leads	Leads	3 1/8	2 1/2	2 7/8	2	1 7/8	2.8
5	P-6429†	C	6.3 6.3 6.3 6.3 C.T.	3.5 3.5 3.5 3.5	2500	117	Leads	Leads	3 7/8	3 1/8	3 1/2	2 1/2	2 3/8	4.8
	P-6431†	C	6.3 C.T. 6.3 C.T.	6.0 6.0	2500	117	Leads	Leads	3 7/8	3 1/8	3 1/2	2 1/2	2 3/8	4.8
	P-6434‡	C	12.6 12.6 C.T.	2.5 2.5	1500	117	Leads	Leads	3 1/2	2 1/8	3 1/4	2 1/4	2	3.5

§May be operated from a 400 Hz. source with no change in output ratings.

MULTI-TAPPED FOR TUBE CHECKERS: PRIMARIES 50/60 Hz. §

6	P-1834-3	A	Secondary Rating (RMS) 117/107/85 70 50 35 30/25/20/12 7.5/7/6.3/5 4/3.3/2.5/2 1.5/1.4/1.1	@ .20A @ .30A @ .50A @ .60A @ .80A @ 3.0A	1500 1500 1500 1500 1500 1500	105/115/125	Leads	Leads/ Lugs	2 5/8	4	2 7/8	3 3/8	—	2.4
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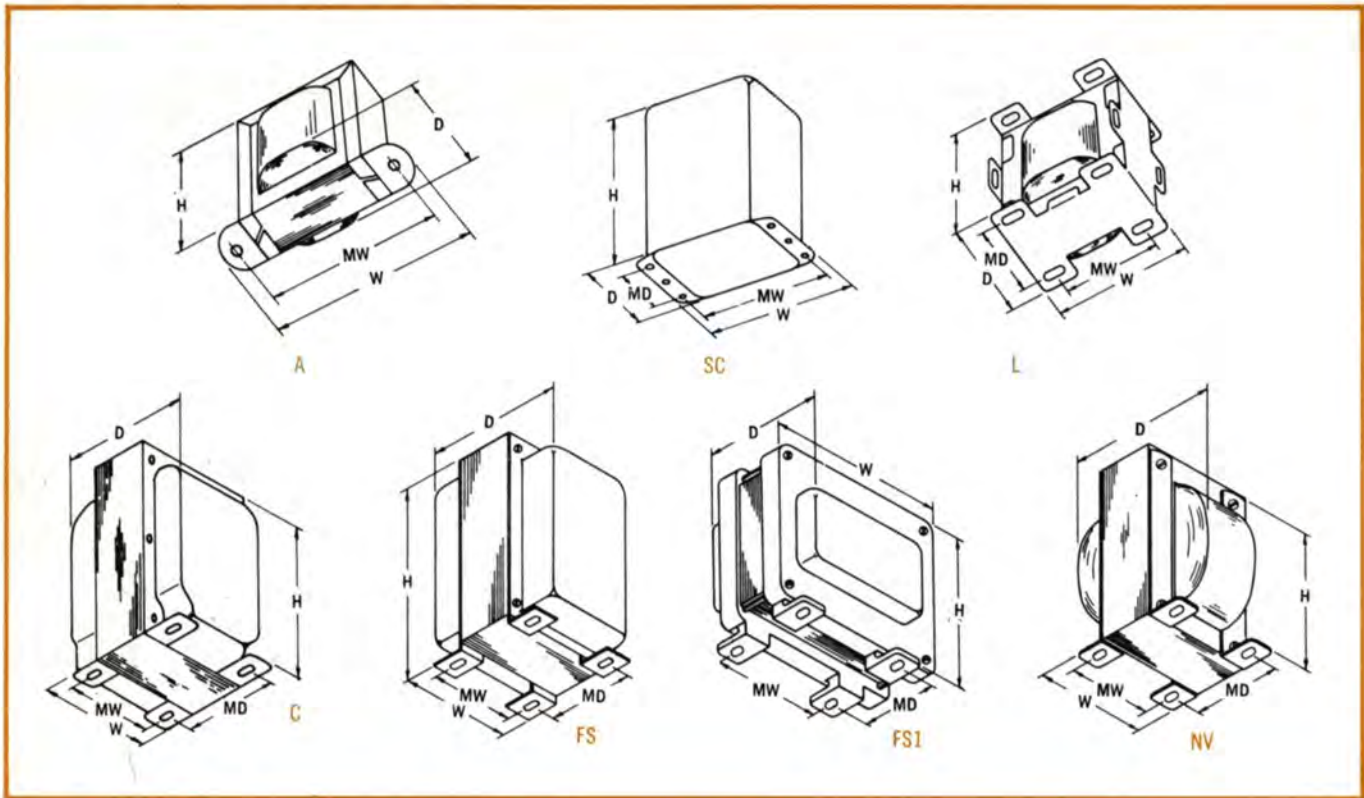
† Has Electrostatic shield.

* Insulation Test Voltage: Twice Allowable RMS Working Voltage plus 1000 Volts.

ALL SECONDARY VOLTAGES ±3%

‡ Windings May Be Connected in Series or Parallel if Properly Phased. §May be operated from a 400 Hz. source with no change in output ratings.

FILTER CHOKES



SMOOTHING CHOKES: INDUCTANCE TOLERANCE - MINUS 15% PLUS 50% AT 10 VOLTS 60 Hz.

Section	STANCOR Part No.	Style	Inductance Henries	DCMA	DC Res. Ohms	Insul. Test RMS Volts*	Termination	Case Dimension			Mtg. Dimension		Wt. Lbs.
								H	W	D	MW	MD	
1	C-2345	A	350	5	5600	2500	Leads	2	3¼	1¾	2¼	—	1.0
	C-2344	A	1.5	10	85	2500	Leads	1¼	2½	1½	1¾	—	0.4
	C-2707	A	2.0	15	70	1500	Leads	1¼	2½	1½	1¾	—	0.4
	C-1515	A	20.0	15	900	1500	Leads	1½	2¾	1¾	2¾	—	0.7
	C-2346	A	35	15	1800	1500	Leads	1¾	2¾	1¾	2	—	0.5
	C-2318	A	12.0	30	400	2000	Leads	1¾	2¾	1¾	2	—	0.5
	RC-1540	SC	15.0	40	475	2500	Leads	2¼	2¼	2¼	2¾	1½	1.5
	RS-1540	SC	15.0	40	475	2500	Lugs	2¼	2¼	2¼	2¾	1½	1.5
	C-1080	A	3.5	50	200	1500	Leads	1½	2¾	1¾	2¾	—	0.7
2	C-1706	A	4.5	50	300	1500	Leads	1¾	2¾	1¼	2	—	0.5
	C-1723	A	4.5	50	325	1500	Leads	1¾	2¾	1¾	2	—	0.5
	C-1325	A	5.0	50	250	1500	Leads	1½	2¾	1¼	2¾	—	0.7
	C-1277	A	7.0	50	300	1500	Leads	1½	2¾	1¾	2¾	—	0.7
	C-1227	A	7.0	50	350	1500	Leads	1½	2¾	1¾	2¾	—	0.7
	C-1707	A	7.0	50	550	1500	Leads	1¾	2¾	1¼	2	—	0.5
	C-1333	A	8.0	50	450	1500	Leads	1¾	2¾	1¾	2¾	—	0.7
	C-1279	A	8.5	50	400	1500	Leads	1½	2¾	1¾	2¾	—	0.7
	C-1215	A	9.0	50	500	1500	Leads	1½	2¾	1¾	2¾	—	0.7
3	C-1003	A	16.0	50	580	1500	Leads	2	3¼	1¾	2¼	—	1.0
	RC-1055	SC	10.0	55	230	2500	Leads	2¼	2¼	2¼	2¾	1½	1.7
	RS-1055	SC	10.0	55	230	2500	Lugs	2¼	2¼	2¼	2¾	1½	1.7
	RC-1555	SC	15.0	55	380	2500	Leads	2¼	2¼	2¼	2¾	1½	2.0
	RS-1555	SC	15.0	55	380	2500	Lugs	2¼	2¼	2¼	2¾	1½	2.0
	C-1708	A	13.0	65	500	1500	Leads	2	3¼	1¾	2¼	—	1.0
	C-1355	L	8.0	75	290	1500	Lugs	2	2	2¾	1¾	1½	1.0
	C-1002	A	15.0	75	400	1500	Leads	2¾	3¾	2	3¼	—	1.7

* Insulation Test Voltage: Twice Allowable RMS Working Voltage plus 1000 Volts.

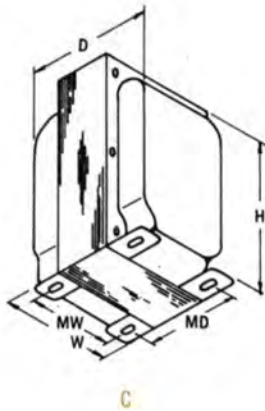
FILTER CHOKES

SMOOTHING CHOKES: INDUCTANCE TOLERANCE - MINUS 15% PLUS 50% AT 10 VOLTS 60 Hz. (Cont'd)

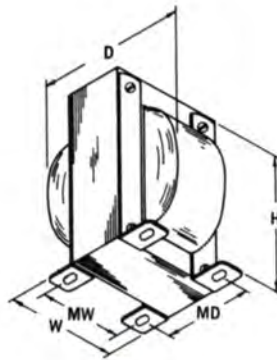
Section	STANCOR Part No.	Style	Inductance Henries	DCMA	DC Res. Ohms	Insul. Test RMS Volts*	Termination	Case Dimension			Mtg. Dimension		Wt. Lbs.
								H	W	D	MW	MD	
1	C-1420	C	16.0	80	360	1500	Leads	3 1/8	2 1/2	2 3/4	2	1 3/4	2.5
	C-1709	A	8.0	85	250	1500	Leads	2	3 1/4	1 7/8	2 1/8	—	1.4
	RC-1085	SC	10.0	85	175	2500	Leads	3 1/8	3	2 1/2	2 1/8	1 3/4	2.5
	RS-1085	SC	10.0	85	175	2500	Lugs	3 1/8	3	2 1/2	2 1/8	1 3/4	2.5
	RC-1585	SC	15.0	85	285	2500	Leads	3 1/8	3	2 1/2	2 1/8	1 3/4	2.7
	RS-1585	SC	15.0	85	285	2500	Lugs	3 1/8	3	2 1/2	2 1/8	1 3/4	2.7
	C-2305	SC	5.0	100	300	1500	Leads	2 1/8	2 1/8	2 1/4	2 3/8	1 1/2	1.5
	RC-8105	SC	8.0	105	100	2500	Leads	3 1/2	3 1/2	2 7/8	3 1/8	2	3.7
	RS-8105	SC	8.0	105	100	2500	Lugs	3 3/4	3 1/2	2 7/8	3 1/8	2	3.7
	RC-12105	SC	12.0	105	170	2500	Leads	3 1/2	3 1/2	2 7/8	3 1/8	2	4.0
	RS-12105	SC	12.0	105	170	2500	Lugs	3 3/4	3 1/2	2 7/8	3 1/8	2	4.0
2	C-1001	A	10.5	110	225	3000	Leads	2 3/8	4	2 1/8	3 3/8	—	2.3
	C-2704	A	9.0	125	250	1500	Leads	2 3/8	3 3/4	1 7/8	3 1/8	—	1.8
	C-2303	A	2.5	130	100	2000	Leads	2	3 1/4	1 5/8	2 1/8	—	1.0
	C-1421	C	7.0	140	165	3000	Leads	3 1/8	2 1/2	2 3/4	2	1 3/4	2.5
	C-2304	A	2.3	150	60	1500	Leads	2	3 1/4	1 3/4	2 1/8	—	1.0
	C-2309	A	3.0	150	90	2000	Leads	2 3/8	3 3/4	1 7/8	3 1/8	—	1.7
	C-2335	SC	7.0	150	170	1500	Leads	3 1/8	3	2 1/2	2 1/8	1 3/4	2.3
	C-1710	A	7.0	150	200	1500	Leads	2 3/8	4	2	3 3/8	—	2.2
	RC-8150	SC	8.0	150	100	2500	Leads	3 7/8	4	3 1/4	3 1/2	2 1/4	5.2
	RS-8150	SC	8.0	150	100	2500	Lugs	4 1/4	4	3 1/4	3 1/2	2 1/4	5.2
3	RC-12150	SC	12.0	150	150	2500	Lugs	3 7/8	4	3 1/4	3 1/2	2 1/4	5.5
	RS-12150	SC	12.0	150	150	2500	Leads	4 1/4	4	3 1/4	3 1/2	2 1/4	5.5
	C-1410	C	4.0	175	100	3000	Leads	3 1/8	2 1/2	2 3/4	2	1 3/4	2.4
	C-2327	A	1.5	200	85	1500	Leads	1 3/8	2 7/8	1 1/2	2 3/8	—	0.7
	C-2325	A	2.0	200	60	1500	Leads	2 3/8	3 3/4	1 7/8	3 1/8	—	1.8
	C-1411	C	4.5	200	80	3000	Leads	3 1/2	2 3/8	4 1/4	2 1/4	2	3.5
	C-1646	C	5.0	200	90	5000	Leads	3 7/8	3 1/8	3 1/2	2 1/2	2 3/8	4.5
	RC-8200	SC	8.0	200	85	2500	Leads	4 3/8	4 3/8	3 3/8	3 7/8	2 3/4	7.0
	RS-8200	SC	8.0	200	85	2500	Lugs	4 1/8	4 3/8	3 1/8	3 7/8	2 3/4	7.0
	4	C-1721	NV	8.5	200	120	3000	Leads	3 1/8	2 3/8	2 3/8	2 1/4	2 1/2
C-2705		C	10.0	200	150	2500	Leads	3 1/2	2 3/8	3 3/8	2 1/4	2 3/8	4.5
RC-12200		SC	12.0	200	140	2500	Leads	4 3/8	4 3/8	3 1/8	3 7/8	2 3/4	5.0
RS-12200		SC	12.0	200	140	2500	Lugs	4 1/8	4 3/8	3 1/8	3 7/8	2 3/4	7.0
C-2717		A	4.0	250	100	2500	Leads	2 3/8	4	2 1/8	3 3/8	—	2.4
C-1703		NV	4.0	250	60	3000	Lugs	3 3/8	2 3/8	2 3/8	2 1/4	2 1/2	4.2
C-1412		C	4.0	250	60	3000	Leads	3 1/2	2 3/8	3 3/8	2 1/4	2 3/8	4.3
RC-8250		SC	8.0	250	90	2500	Leads	5 3/8	5 1/4	4 3/8	4 3/4	2 1/2	10.5
RS-8250		SC	8.0	250	90	2500	Lugs	5 3/8	5 1/4	4 3/8	4 3/4	2 1/2	10.5
C-2343		A	0.75	300	32	1500	Leads	1 3/8	2 7/8	1 3/8	2 3/8	—	0.7
C-2326		A	1.0	300	43	1500	Leads	2 3/8	3 3/4	2	3 1/8	—	1.7
C-2334		A	2.8	300	60	1500	Leads	2 3/8	4	2 1/8	3 3/8	—	2.5
5	R-63	SC	6.0	300	35	7500	Terms	6 1/8	5 7/8	5 3/8	5 3/8	3 1/2	16.5
	RC-8300	SC	8.0	300	60	3500	Leads	5 3/8	5 1/4	4 3/8	4 3/4	2 1/2	12.5
	RS-8300	SC	8.0	300	60	3500	Lugs	5 3/8	5 1/4	4 3/8	4 3/4	2 1/2	12.5
	C-1722	NV	8.0	300	80	3000	Leads	4 3/8	3 3/4	3	3	2 1/2	7.3
	C-2308	C	8.0	300	80	3000	Leads	4 1/8	3 3/4	4	3	2 3/8	7.8
	C-1413	C	8.0	300	80	3000	Lugs	4 3/8	3 3/4	4	3	2 3/8	7.8
	R-103	SC	10.0	300	40	2500	Terms	7 1/8	6 1/2	6 1/8	6	4 1/4	2.0
6	C-2706	C	2.6	310	50	1500	Leads	3 1/8	2 1/2	3 3/8	2	3 3/8	4.0
	C-2347	A	1.0	350	40	1500	Leads	2	3 1/4	1 3/4	2 1/8	—	1.0
	C-2328	A	0.8	375	25	1500	Leads	2 3/8	3 3/8	1 7/8	3 1/8	—	1.5
	C-2709	A	2.0	400	40	2500	Leads	2 3/8	4	2 1/8	3 3/8	—	2.3
	C-1414	C	7.5	400	60	5000	Lugs	4 1/8	3 3/4	5	3	3 3/8	11.8
	R-65	FS1	6.0	500	35	9000	Terms	7	7 1/2	6 3/8	4 3/4	5 1/2	35.0
	C-1415	FS	6.0	500	75	7500	Terms	7 1/8	5 3/8	5 3/8	4 3/8	3 3/8	23.7
	R-105	FS1	10.0	500	40	9000	Terms	7	7 1/2	7 1/8	4 3/4	6 1/4	35.0
	C-2708	A	0.32	600	10	1500	Leads	2	3 1/4	1 3/8	2 1/8	—	1.3

* Insulation Test Voltage: Twice Allowable RMS Working Voltage plus 1000 Volts.

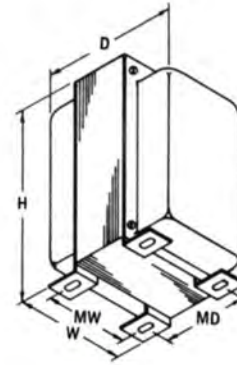
FILTER CHOKES



C



NV



FS

SWINGING CHOKES: INDUCTANCE MEASURED AT 50 VOLTS 60 Hz.

Section	STANCOR Part No.	Style	Inductance Henries	DCMA	DC Res. Ohms	Insul. Test* RMS Volts	Termination	Case Dimension			Mtg. Dimension		Wt. Lbs.
								H	W	D	MW	MD	
1	C-1718	C	13.5 3.5	15 150	130	2000	Leads	3 1/8	2 1/2	2 5/8	2	1 5/8	2.3
	C-1400	C	12.0 2.0	17.5 175	100	3000	Leads	3 1/8	2 1/2	2 3/4	2	1 3/4	2.4
	C-1401	C	12.0 2.0	20 200	80	3000	Leads	3 1/2	2 3/8	3 1/4	2 1/4	2	3.5
	C-1645	C	12.0 2.0	20 200	90	5000	Leads	3 7/8	3 1/8	3 1/2	2 1/2	2 3/8	4.5
	C-1702	NV	12.0 2.0	25 250	60	3000	Lugs	3 3/8	2 3/8	2 3/4	2 1/4	2 1/2	4.3
2	C-1402	C	12.0 2.0	25 250	60	3000	Leads	3 1/2	2 3/8	3 5/8	2 1/4	2 3/8	4.3
	C-1720	NV	20.0 4.0	30 300	80	3000	Leads	4 1/8	3 3/4	3 1/8	3	2 1/2	7.2
	C-2307	C	20.0 4.0	30 300	80	3000	Leads	4 1/8	3 3/4	4	3	2 3/8	7.9
	C-1403	C	20.0 4.0	30 300	80	5000	Lugs	4 1/8	3 3/4	4	3	2 3/8	7.7
	C-1404	C	17.0 3.0	40 400	60	5000	Lugs	4 1/8	3 3/4	5	3	3 3/8	11.7
	C-1405	FS	16.0 4.0	50 500	75	7500	Terms	7 1/8	5 5/8	5 3/8	4 5/8	3 5/8	24.3

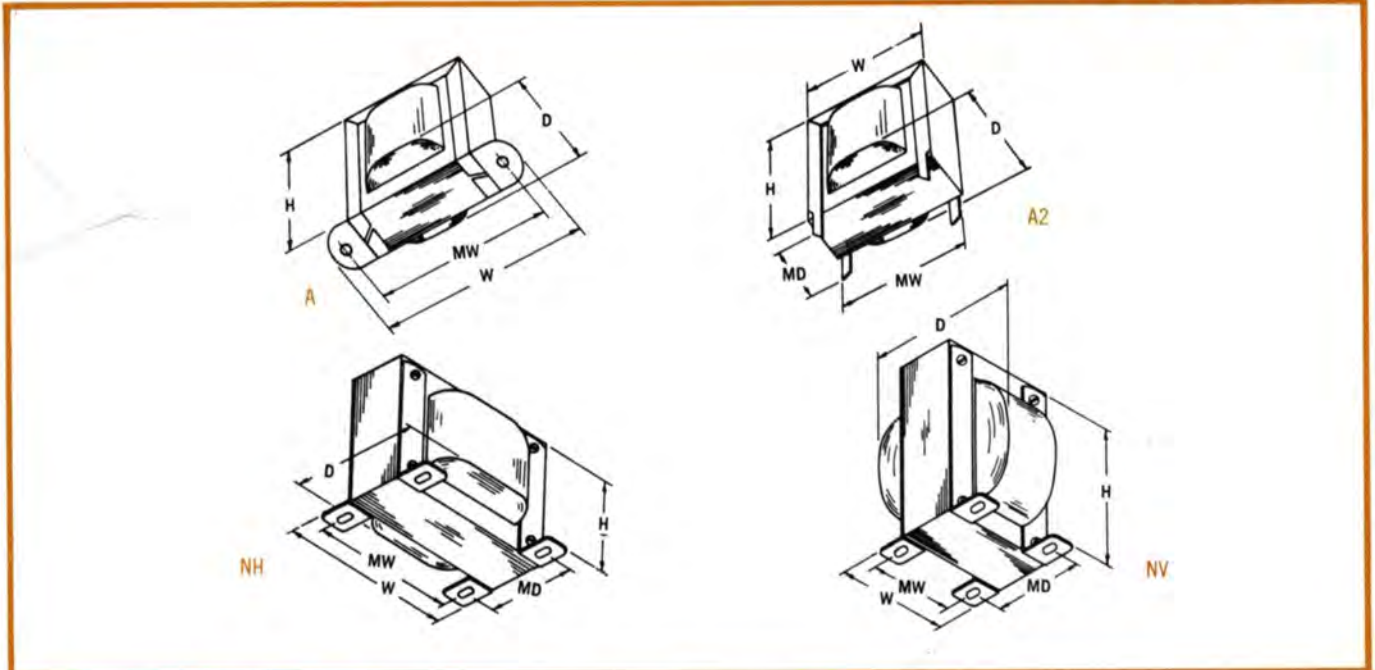
* Insulation Test Voltage: Twice Allowable RMS Working Voltage plus 1000 Volts.

The Stancor line of "Smoothing" and "Swinging" types of Filter Chokes has been designed for use with the various Power and Plate Transformers listed in this catalog. The range of electrical ratings available covers requirements for practically all of the Filter Chokes used in Home Radio and Television Receivers, Audio Amplifiers and low power Radio Transmitters. In addition,

a myriad of other electronic apparatus applications for these items exists.

Inductance values shown are measured at the full amount of D.C. listed and at the specified values of RMS Voltage and Frequency. All of these items are made with Class "A" insulating materials and will withstand operation up to a limit of 105°C., continuously.

FILTER CHOKES



HIGH CURRENT CHOKES: INDUCTANCE MEASURED AT 1 VOLT 60 Hz.

Section	STANCOR Part No.	Style	Inductance Millihenries	DC Amps	DC Res. Ohms	Insul. Test* RMS Volts	Termination	Case Dimension			Mtg. Dimension		Wt. Lbs.
								H	W	D	MW	MD	
1	TC-1	A2	3.0	1.0	.25	1000	Leads	1 $\frac{3}{8}$	1 $\frac{1}{2}$	1 $\frac{1}{8}$	1 $\frac{3}{8}$	$\frac{3}{8}$	0.6
	TC-2	A2	11.0	1.0	.75	1000	Leads	1 $\frac{3}{8}$	1 $\frac{1}{2}$	1 $\frac{1}{8}$	1 $\frac{3}{8}$	$\frac{3}{8}$	0.6
	C-2690	NV	300 or 75	1.0 2.0	3.0 .75	1500	Leads	3 $\frac{1}{8}$	2 $\frac{1}{2}$	3	2 $\frac{1}{4}$	2 $\frac{5}{8}$	5.0
	C-2685	NH	35	2.0	.75	1500	Leads	2 $\frac{3}{8}$	2 $\frac{5}{8}$	2 $\frac{1}{8}$	2 $\frac{3}{8}$	2	1.9
	C-2691	NV	80 or 20	2.5 2.0	.60 .75	1500	Leads	3 $\frac{1}{8}$	3 $\frac{1}{8}$	3 $\frac{1}{2}$	2 $\frac{1}{2}$	3	7.0
	C-2686	NH	25	4.0	4.25	1500	Leads	2 $\frac{7}{8}$	3 $\frac{3}{8}$	2 $\frac{5}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{8}$	3.4
	C-2687	NH	10	8.0	.15	1500	Leads	3 $\frac{3}{8}$	3 $\frac{3}{4}$	3	3 $\frac{1}{8}$	2 $\frac{1}{2}$	5.3
	C-2688	NH	10	12.5	.11	1500	Leads	3 $\frac{1}{2}$	4 $\frac{1}{8}$	2 $\frac{7}{8}$	3 $\frac{1}{8}$	2 $\frac{3}{8}$	5.9
	C-2689	NH	5	22.5	.03	1500	Leads	3 $\frac{1}{8}$	4 $\frac{1}{2}$	4 $\frac{3}{8}$	3 $\frac{3}{4}$	3 $\frac{1}{2}$	11.9
	C-2692	NV	24 6	20 40	.12 .029	1500	Self Leads	5 $\frac{1}{4}$	4 $\frac{3}{8}$	5 $\frac{1}{4}$	3 $\frac{1}{2}$	4 $\frac{1}{4}$	21.2

MINIATURIZED HIGH CURRENT CHOKES: INDUCTANCE MEASURED AT 1 VOLT 60 Hz.

Section	STANCOR Part No.	Style	Inductance Henries	DCMA	DC Res. Ohms	Insul. Test* RMS Volts	Termination	Case Dimension			Mtg. Dimension		Wt. Lbs.
								H	W	D	MW	MD	
2	C-2721	A	2000	.065	180	1500	Leads	1 $\frac{1}{4}$	2 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{3}{4}$	—	0.25
	C-2722	A	400	.135	31	1500	Leads	1 $\frac{1}{4}$	2 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{3}{4}$	—	0.25
	C-2723	A	700	.135	40	1500	Leads	1 $\frac{1}{8}$	2 $\frac{3}{8}$	1 $\frac{1}{4}$	2	—	0.35
	C-2724	A	250	.275	16	1500	Leads	1 $\frac{1}{8}$	2 $\frac{3}{8}$	1 $\frac{1}{4}$	2	—	0.35
	C-2725	A	400	.275	22	1500	Leads	1 $\frac{1}{8}$	2 $\frac{7}{8}$	1 $\frac{3}{8}$	2 $\frac{3}{8}$	—	0.65
	C-2726	A	125	.550	6.0	1500	Leads	1 $\frac{1}{8}$	2 $\frac{7}{8}$	1 $\frac{3}{8}$	2 $\frac{3}{8}$	—	0.65
	C-2727	A	250	.500	10	1500	Leads	2	3 $\frac{1}{4}$	1 $\frac{1}{8}$	2 $\frac{3}{8}$	—	1.00
	C-2728	A	75	1.000	2.5	1500	Leads	2	3 $\frac{1}{4}$	1 $\frac{1}{8}$	2 $\frac{3}{8}$	—	1.00

* Insulation Test Voltage: Twice Allowable RMS Working Voltage plus 1000 Volts.

• New Part Number.

The above listed "HIGH CURRENT CHOKES" are normally used in low voltage, high current D.C. power supply filter applications, where low voltage drop across the filter and good voltage regulation is required, without any type of voltage regulator.

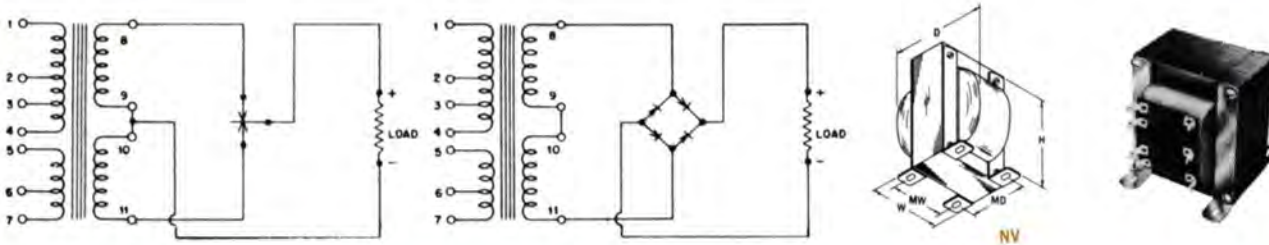
The "MINIATURIZED HIGH CURRENT CHOKES" are primarily for use with the "Miniaturized Control/Rectifier Transformers"

listed elsewhere in this catalog. When used in small D.C. power supplies with these transformers, a combination of small physical size and adequate voltage regulation for many applications is possible, without a solid state voltage regulator.

These chokes are made with Class "A" insulating materials and may be operated up to a maximum limit of 105°C., continuously.

RECTIFIER TRANSFORMERS

UNIVERSAL RECTIFIER TRANSFORMERS: PRIMARIES 117 VOLTS 50/60 Hz.— SOLDER LUG TERMINATION



Section	STANCOR Part No.	Style	Rectifier Circuit	Range of Applied AC Volts Under Load (Approx.)	Output Resistive or Inductive Load Max. DC		Output Capacitive Load* Max. DC		Case Dimension			Mtg. Dimension		Wt. Lbs.
					Volts	Amps.	Volts	Amps.	H	W	D	MW	MD	
1	RT-201	NV	C.T. Bridge	11.7 to 29.4 11.1 to 28.5	11.2 23.0	2.0 1.25	13.8 ¹ 30.0 ²	2.0 1.25	3 1/8	2 1/2	2 3/8	2	2 1/8	2.5
	RT-202	NV	C.T. Bridge	12.0 to 29.8 12.0 to 29.8	11.1 24.3	4.0 2.0	14.7 ³ 33.0 ¹	4.0 2.0	3 1/8	2 1/8	2 3/8	2 1/4	2 3/8	3.8
	RT-204	NV	C.T. Bridge	11.7 to 29.2 11.6 to 29.2	12.0 24.0	8.0 4.0	14.5 ⁴ 32.4 ³	8.0 4.0	3 1/8	3 1/8	3 1/2	2 1/2	2 7/8	6.1
	RT-206	NV	C.T. Bridge	12.0 to 29.7 12.0 to 29.7	11.5 24.0	12.0 6.0	14.4 ⁵ 32.0 ⁴	12.0 6.0	4 1/8	3 1/8	4	2 3/4	3 1/4	9.1
	RT-208	NV	C.T. Bridge	12.1 to 29.2 12.1 to 29.2	11.4 23.7	15.0 8.0	14.8 ⁷ 32.5 ⁴	15.0 8.0	4 1/8	3 3/4	5	2 1/8	3 3/4	12.6
	RT-2012	NV	C.T. Bridge	12.2 to 29.0 12.2 to 29.0	11.4 23.5	22.5 12.0	14.3 ⁸ 33.0 ⁵	22.5 12.0	5 1/8	4 3/8	5 7/8	3 1/2	4 1/4	20.5
	*RT-400	NV	C.T. Bridge	23.5 to 60.0 23.5 to 60.0	25.0 53.0	1.0 0.5	34.0 ⁹ 74.0 ¹⁰	1.0 0.5	3 1/8	2 1/2	3 3/8	2	2 1/4	2.7
	*RT-401	NV	C.T. Bridge	24.0 to 59.0 24.0 to 59.0	25.0 52.5	2.0 1.0	34.0 ¹¹ 73.5 ⁹	2.0 1.0	3 1/8	2 1/8	3 1/8	2 1/4	2 1/2	4.1
	*RT-402	NV	C.T. Bridge	23.0 to 58.0 23.0 to 58.0	25.0 51.5	4.0 2.0	33.5 ⁴ 72.5 ⁹	4.0 2.0	3 1/8	3 1/8	4 1/2	2 1/2	3 1/4	6.9
	RT-408	NV	C.T. Bridge	25.0 to 53.5 25.0 to 53.5	— 44.0	— 8.0	— 63.0 ⁴	— 8.0	5 1/8	4 3/8	6 3/4	3 1/2	5 1/4	26.5
	RT-4012	NV	C.T. Bridge	25.0 to 53.0 25.0 to 53.0	— 43.5	— 12.0	— 60.0 ⁵	— 12.0	7 1/8	5 3/8	6 1/2	4 3/8	5 1/2	34.0

* MFD Filter Capacitor: 1-1000, 2-5000, 3-2000, 4-4000, 5-6000, 6-3000, 7-7500, 8-12000, 9-1500, 10-600, 11-2500. * New Part Number

Each transformer has the winding arrangement and terminal numbering shown in the schematic diagrams above. The primary winding is connected to terminals 1, 2, 3 & 4. A separate winding is connected to terminals 5, 6 & 7 that may be used in series with the primary to raise or lower the secondary voltage output. A variety of combinations is possible using the taps on both windings, plus the "Aiding" or "Bucking" action of the extra winding.

Designed for 117 V. 50/60 cycle operation; may also be satisfactorily operated at 400 cycles.

The secondary winding of each transformer consists of two identical windings connected to terminals 8 & 9 and to 10 & 11 respectively. Use the tables showing the various output voltages for specific terminal connections as your guide. Many combinations are possible other than those listed in the tables. All ratings shown are for normal convection air cooled applications. Select only rectifiers capable of handling the output voltages and currents described.

RECTIFIER CIRCUIT POWER TRANSFORMERS

When operating these transformers continuously at maximum rated output voltage and current and because of certain other conditions, it is sometimes

necessary to derate the rectified output current (DC) as much as 20%; in order to stay within the recommended operating temperature limit of 105 degrees Centigrade. The type of rectifier circuit and load (capacitive, inductive or resistive) determines the relative amount of current (RMS) in the transformer secondary winding. The relationship of AC to DC (secondary RMS current to rectified DC output) for typical circuits and loads is given in the Technical Data on Page 46 of this catalog. Operating duty cycle, type of cooling (natural convection in free air or otherwise) and the power line input voltage and frequency also have an effect on the transformer temperature. These things should all be properly related to the results in any specific application.

The "RT-Series" of transformers may also be used in other rectifier circuits than the Full-wave C.T. and Full-wave Bridge shown above. In circuits such as the Half-wave or Full-wave Voltage Doubler (symmetrical) and Full-wave Bridge, where a C.T. connection is not required, both secondary windings may be connected in parallel, to double the RMS current that is available from each secondary separately. The RMS voltage will, of course, be half of the amount available than that obtained with the secondaries connected in series. Please refer to the adjacent data to obtain the secondary RMS current as related to each rectifier circuit and type of load.

Input 117 vac Term. No.	Connect Term. No.	RT-201				Full-Wave C.T.				Full-Wave Bridge			
		Output 2.0 A. DC				Output 1.25 A. DC				Output 1.25 A. DC			
		Resistive Load		Capacitive Load†		Resistive Load		Capacitive Load†		Resistive Load		Capacitive Load†	
Sec. Volts AC	Output Volts DC	Sec. Volts AC	Output Volts DC	Sec. Volts AC	Output Volts DC	Sec. Volts AC	Output Volts DC	Sec. Volts AC	Output Volts DC	Sec. Volts AC	Output Volts DC	Sec. Volts AC	Output Volts DC
1-2	—	29.4	11.2	28.8	13.8	28.5	23.0	27.9	30.0				
1-7	2-6	26.0	9.8	25.7	11.7	25.4	20.0	25.1	26.4				
1-6	2-5	23.0	8.4	22.7	9.9	22.3	17.3	21.8	22.2				
1-7	2-5	20.9	7.4	20.8	8.6	20.2	15.4	19.8	19.7				
1-3	—	19.4	6.7	19.1	7.6	18.6	13.9	18.2	17.6				
1-7	3-6	17.8	6.1	17.6	6.7	17.2	12.8	16.8	15.7				
1-6	3-5	16.3	5.3	16.1	6.0	15.7	11.2	15.2	13.8				
1-7	3-5	14.9	4.7	14.8	5.3	14.3	10.3	14.1	12.4				
1-4	—	14.2	4.4	14.2	5.0	13.7	9.7	13.5	11.6				
1-7	4-6	13.4	4.0	13.3	4.4	12.7	8.8	12.5	10.4				
1-6	4-5	12.4	3.6	12.4	3.9	11.7	7.9	11.7	9.5				
1-7	4-5	11.7	3.3	11.7	3.5	11.1	7.4	11.1	8.7				

* 1000 MFD.

† 500 MFD.

Input 117 vac Term. No.	Connect Term. No.	RT-202				Full-Wave C.T.				Full-Wave Bridge			
		Output 4.0 A. DC				Output 2.0 A. DC				Output 2.0 A. DC			
		Resistive Load		Capacitive Load†		Resistive Load		Capacitive Load†		Resistive Load		Capacitive Load†	
Sec. Volts AC	Output Volts DC	Sec. Volts AC	Output Volts DC	Sec. Volts AC	Output Volts DC	Sec. Volts AC	Output Volts DC	Sec. Volts AC	Output Volts DC	Sec. Volts AC	Output Volts DC	Sec. Volts AC	Output Volts DC
1-2	—	29.7	11.1	29.3	14.7	29.7	24.3	24.3	33.0				
1-7	2-6	26.2	9.8	26.0	12.6	26.2	21.5	26.0	29.0				
1-6	2-5	24.4	8.8	24.0	11.3	24.3	19.5	23.9	26.0				
1-7	2-5	21.9	7.8	21.7	9.9	21.8	17.6	21.5	23.1				
1-3	—	20.9	7.4	20.7	9.3	20.9	16.6	20.6	21.7				
1-7	3-6	19.2	6.6	18.9	8.2	19.1	15.1	18.9	19.6				
1-6	3-5	18.0	6.1	17.8	7.5	18.0	14.2	17.8	18.2				
1-7	3-5	16.6	5.5	16.4	6.6	16.6	12.8	16.4	16.3				
1-4	—	14.4	4.4	14.2	5.3	14.4	11.6	14.2	13.7				
1-7	4-6	13.5	4.1	13.4	4.9	13.5	10.1	13.4	12.6				
1-6	4-5	12.9	3.9	12.7	4.4	12.9	9.5	12.7	11.7				
1-7	4-5	12.2	3.7	12.0	4.0	12.2	8.9	12.0	10.8				

* 2000 MFD.

† 1000 MFD.

CONTROL AND RECTIFIER TRANSFORMERS

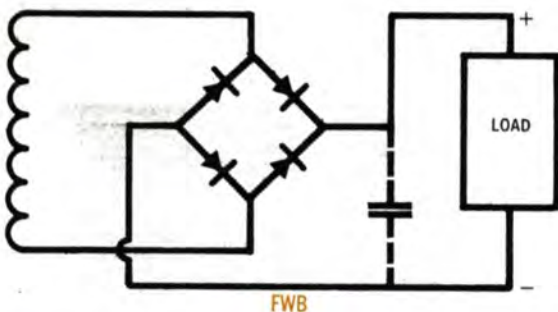
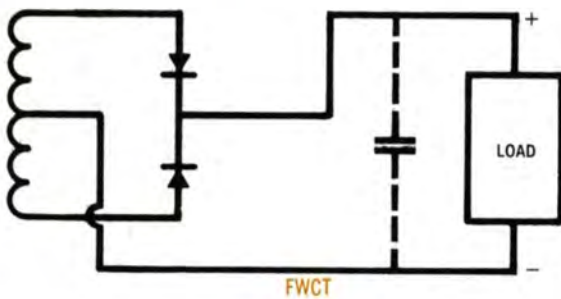
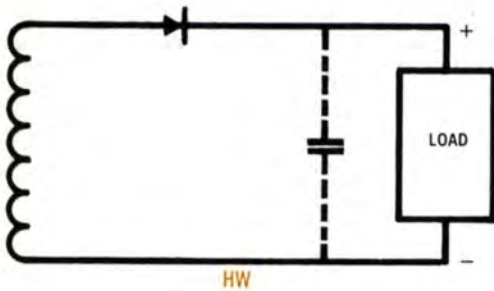
HOW TO DETERMINE SECONDARY AC (RMS) CURRENT RATINGS

The tabular data for the Control and Rectifier transformers listed in this Catalog shows RMS secondary current ratings plus some D.C. output ratings. The items listed as Filament, Isolation and Dual Winding Control Transformers have only the RMS AC ratings given.

When used in various rectifier circuits, with the possibility of different types of loads, the RMS secondary current will be different for each specific condition. To assist the user, the following information is given so that the proper transformer may be selected.

The rectifier circuits as related to these transformers are:

- HW = Half-Wave
- FWCT = Full-Wave Center Tap
- FWB = Full-Wave Bridge
- FWD = Full-Wave Doubler



The formula for the relation between secondary RMS current (I_{AC}) which the transformer has to deliver and the D.C. output current taken from the rectifier (I_{DC}) is:

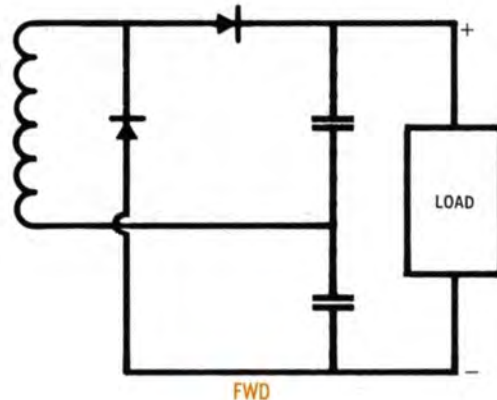
$$I_{AC} = K_{FF} \times I_{DC}$$

Where K_{FF} is the form factor. The factor for each circuit and type of load is as follows:

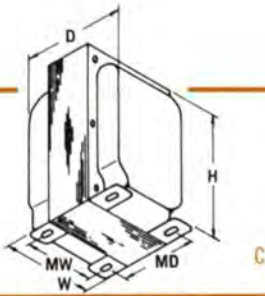
REACTOR OR RESISTOR LOAD	
Rectifier Circuit	Form Factor
HW	1.25
FWCT	0.7
FWB	1.0
CAPACITOR LOAD	
Rectifier Circuit	Form Factor
HW	2.3
FWCT	1.2
FWB	1.8
FWD	4.0 (approx.)

Only transformers with a CT connection are usable in the FWCT circuit and the FWD circuit will have only a capacity load. The size and type of capacitors used in the FWD circuit will affect the form factor. The factor shown is an approximate maximum for the full-wave symmetrical voltage doubler circuit using two similar electrolytic capacitors.

The transformer selected for a specific D.C. output voltage and current rating, with known type of load after the rectifier, should deliver sufficient RMS voltage to make up for the voltage drop in each rectifier junction plus any drop in a filter or regulator that is used.



RECTIFIER & TRANSISTOR POWER TRANSFORMERS

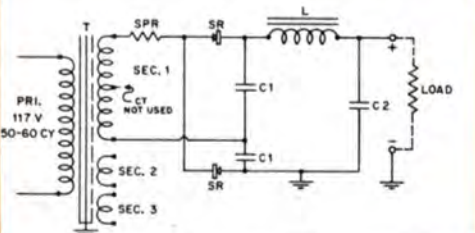
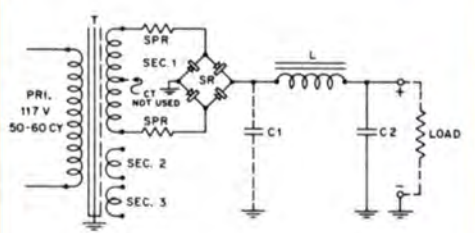
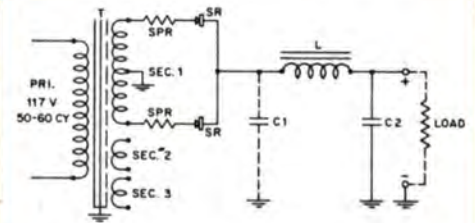


SILICON RECTIFIER POWER TRANSFORMERS: PRIMARIES 117 VOLTS 50/60 Hz. § LEAD WIRE TERMINATION

Section	STANCOR Part No.	Style	Secondary #1		Secondary #2		Secondary #3		Case Dimension			Mtg. Dimension		Wt. Lbs.
			Volts	DCMA†	Volts	Amps.	Volts	Amps.	H	W	D	MW	MD	
1	RP-400	C	400 C.T.	400	6.3	3.0	6.3	3.0	4¼	3⅝	4¼	2¾	3⅝	7.1
	RP-600	C	300 C.T.	600	6.3	2.5	6.3	2.5	4¼	3⅝	4¼	2¾	3⅝	7.1
	RP-800	C	200 C.T.	800	6.3	2.0	6.3	2.0	4¼	3⅝	4⅛	2¾	2⅝	6.9
	RP-1600	C	100 C.T.	1600	6.3	1.5	6.3	1.5	4¼	3⅝	3⅞	2¾	2⅝	6.0
	RP-2000	C	80 C.T.	2000	6.3	1.5	6.3	1.5	4¼	3⅝	4	2¾	2⅝	6.5
	RP-2500	C	60 C.T.	2500	6.3	1.5	6.3	1.5	4¼	3⅝	3⅞	2¾	2⅝	6.0

‡ Refer to operating. Conditions as shown below.

Section	STANCOR No.	SR†	L STANCOR No.	C1 (in MFD)	C2 (in MFD)	SPR*	DC Output		Rectifier Load
							Volts	MA.	
2	RP-400	Four #F-4	C-2709	10	10	Yes	192	400	Capacitive
	RP-400	Four #F-4	C-2690	—	200	No	173	540	Inductive
	RP-600	Four #F-6	C-2690	80	80	Yes	190	600	Capacitive
	RP-600	Four #F-6	C-2690	—	125	No	126	1090	Inductive
	RP-800	Two #40-L	C-2690	40	150	Yes	105	800	Capacitive
	RP-800	Two #40-L	C-2690	—	350	No	86	1340	Inductive
	RP-1600	Two #40-L	C-2690	200	200	Yes	53	1600	Capacitive
	RP-1600	Two #40-L	C-2690	—	300	No	41	2600	Inductive
	RP-2000	Two #40-L	C-2690	500	500	Yes	47	2000	Capacitive
	RP-2000	Two #40-L	C-2686	—	1000	No	33	2950	Inductive
RP-2500	Two #40-LF	C-2691	500	500	Yes	31	2500	Capacitive	
RP-2500	Two #40-LF	C-2686	—	1000	No	23	3950	Inductive	
3	RP-400	Four #F-4	C-1710	8	10	Yes	502	150	Capacitive
	RP-400	Four #F-4	C-1722	—	20	No	330	302	Inductive
	RP-600	Four #F-6	C-2334	8	20	Yes	322	305	Capacitive
	RP-600	Four #F-6	C-2690	—	125	No	285	425	Inductive
	RP-800	Four #F-6	C-2709	30	40	Yes	247	377	Capacitive
	RP-800	Four #F-6	C-2708	—	250	No	172	625	Inductive
	RP-1600	Four #F-4	C-2690	40	80	Yes	100	880	Capacitive
	RP-1600	Four #F-4	C-2690	—	300	No	88	1160	Inductive
	RP-2000	Four #F-4	C-2690	100	100	Yes	93	810	Capacitive
	RP-2000	Four #40-L	C-2690	—	250	No	71	1450	Inductive
RP-2500	Four #40-L	C-2690	200	200	Yes	70	1060	Capacitive	
RP-2500	Four #40-L	C-2690	—	500	No	50	1950	Inductive	
4	RP-400	Four #F-6	C-1420	8	0.5	Yes	1040	75	Capacitive
	RP-600	Four #F-6	—	60	—	Yes	802	142	Capacitive
	RP-800	Two #F-6	—	80	—	Yes	536	188	Capacitive
	RP-1600	Two #F-6	C-2326	80	16	Yes	240	325	Capacitive
	RP-2000	Two #F-6	—	150	—	Yes	212	390	Capacitive
	RP-2500	Two #40-L	—	500	—	Yes	150	553	Capacitive

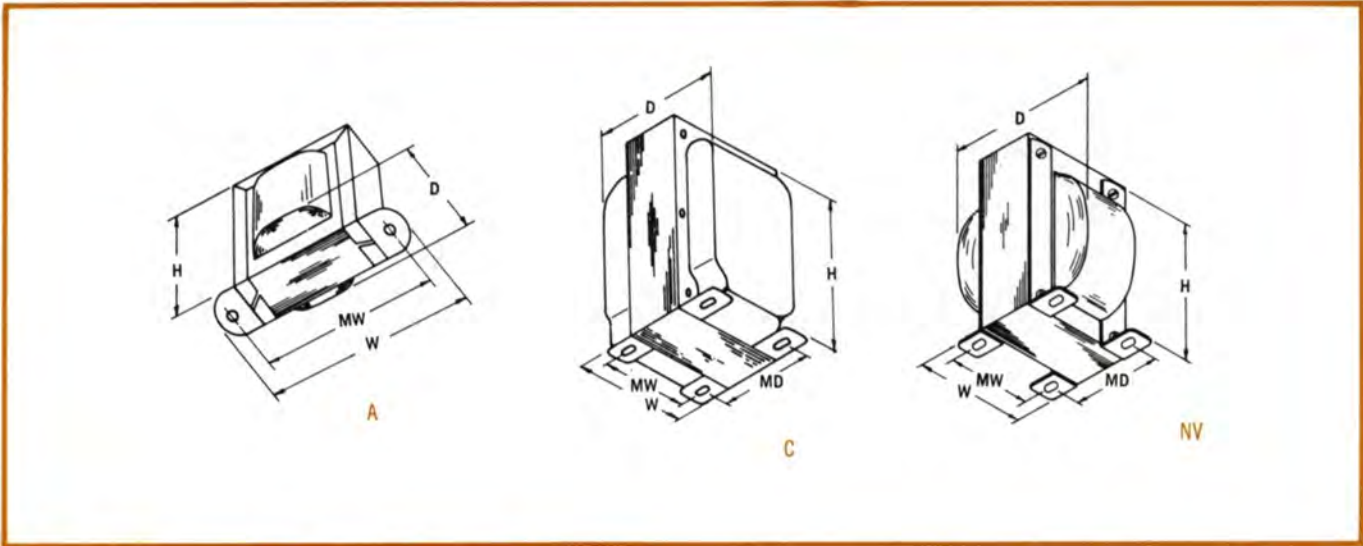


NOTE: Filtering shown permits maximum output ripple voltage of 3% or less. § May be operated from a 400 Hz. source with no change in output ratings.

† Quantity Shown is Total Number used in a given circuit. Rectifiers should be equivalent to Sarkes Tarzian numbers shown.

* Surge protection resistors are recommended when capacitor input filters are used. Allow 3.3 ohms per 70 volts R.M.S. applied voltage. Transformers secondary winding DC resistance may be used as part or all of the amount required.

RECTIFIER & TRANSISTOR POWER TRANSFORMERS



FOR TRANSISTOR POWER SUPPLIES: PRIMARIES 117 VOLTS 60 Hz. § — LEAD WIRE TERMINATION

Section	STANCOR Part No.	Style	Secondary #1		Secondary #2		Case Dimension			Mtg. Dimension		Wt. Lbs.
			Volts	Amperes	Volts	Amperes	H	W	D	MW	MD	
1	P-8604*	A	20 C.T.	1.0 Amps. RMS	—	—	2	3¼	2½	2¼	—	1.4
	P-8614*	C	30	3.0 Amps. RMS	—	—	3½	2¼	3½	2¼	2¼	4.2
	P-8197	C	50 C.T.	1.0 Amps. RMS	—	—	3½	2½	2¼	2	1¾	2.3
	P-8198	C	54 C.T.	.5 Amps. RMS	6.3	.5 Amps. RMS	2½	2¼	2¼	1¾	1½	1.7
	P-8193•	NV	17/18	6 Amps. RMS	—	—	3¼	3¼	3¼	2½	2½	6.0
	P-8194•	NV	36	3 Amps. RMS	36	3 Amps. RMS	4¼	3¼	3¼	3	3	10
	P-8196	C	80 C.T.	1.2 Amps. DC	—	—	3½	2¼	3½	2¼	2¾	4.5

• Write for Bulletin #587 for Rectifier Circuits showing DC Voltages and allowable DC Current. * May be operated from 117 volts 50/60 Hz. at full rated load.
• New Part Number. § May be operated from a 400 Hz. source with no change in output ratings.

RECTIFIER TRANSFORMERS: PRIMARIES 117 VOLTS 60 Hz. § — LEAD WIRE TERMINATION

Multiple Primary and Secondary Taps offer a wide selection of output Voltages. All DC current ratings are based on capacitor input Filtering. Max. DC Ma For TP-1 is for each Secondary.

TP-1

BLACK-RED — GREEN
13 or 18 Volts

BLACK-YEL — BROWN
13 or 18 Volts

BLACK — YELLOW

TP-2 TP-3 TP-4 TP-5

BLACK-WHITE — GREEN

BLACK-GREEN — YELLOW

BLACK-YELLOW — BLUE

BLACK — RED

Typical Secondary AC Voltages

6.5	21 C.T.
7.5	22
8	24
9	26.5 C.T.
9.5	27
10	28
13.5 C.T.	29 C.T.
14.5 C.T.	31.5
16 C.T.	32 C.T.
18 C.T.	35.5 C.T.
19 C.T.	37 C.T.
20	42 C.T.

§ May be operated from a 400 Hz. source with no change in output ratings.

Section	STANCOR Part No.	Style	Max. DC MA.			Case Dimension			Mounting Dimension		Wt. Lbs.
			Full-Wave C.T.	Bridge	Half-Wave	H	W	D	MW	MD	
2	TP-1	C	1500	900	450	3½	2½	3	2	2	2.7
	TP-2	A	150	100	50	1½	2¾	1¾	2¾	—	0.7
	TP-3	A	400	300	150	2¾	3¼	2½	3½	—	1.5
	TP-4	C	1500	1000	500	3½	2½	3½	2	2½	3.2
	TP-5	A	1100	750	375	2¾	4	2¾	3¼	—	2.3

RECTIFIER & TRANSISTOR POWER TRANSFORMERS

MINIATURIZED CONTROL TRANSFORMERS

Section	STANCOR Part No.	Style	Secondary Amperes			Case Dimension			Mtg. Dimension	Wt. Lbs.
			RMS	Bridge†	Half-Wave†	H	W	D	MW	
PRIMARYS 117 VOLTS 50/60 Hz. § SECONDARIES 12 VOLTS — LEAD WIRE TERMINATION										
1	P-8390	A	.150	.100 DC	.050 DC	1¼	2½	1¼	1¾	.25
	P-8391	A	.350	.200 DC	.110 DC	1¾	2¾	1¾	2	.35
	P-8392	A	.700	.450 DC	.225 DC	1½	27/8	1½	2¾	.60
	P-8393	A	1.200	.750 DC	.375 DC	2	3¼	1½	213/16	.85

§ May be operated from a 400 Hz. source with no change in output ratings.

MINIATURIZED CONTROL TRANSFORMERS

Section	STANCOR Part No.	Style	Secondary Amperes			Case Dimension			Mtg. Dimension	Wt. Lbs.
			RMS	Full-Wave†	Bridge†	H	W	D	MW	
PRIMARYS 117 VOLTS 50/60 Hz. § SECONDARIES 24 VOLTS C.T. — LEAD WIRE TERMINATION										
2	P-8394	A	.085	.135 DC	.065 DC	1¼	2½	1¼	1¾	.25
	P-8395	A	.200	.275 DC	.135 DC	1¾	2¾	1¾	2	.35
	P-8396	A	.400	.550 DC	.270 DC	1½	27/8	1½	2¾	.60
	P-8397	A	.700	.925 DC	.450 DC	2	3¼	1½	213/16	.85

PRIMARYS 230 VOLTS 50/60 Hz. § SECONDARIES 24 VOLTS C.T. — LEAD WIRE TERMINATION

3	• P-8720	A	.085	.135 DC	.065 DC	1¼	2½	1¼	1¾	.25
	• P-8721	A	.200	.275 DC	.135 DC	1¾	2¾	1¾	2	.35
	• P-8722	A	.400	.550 DC	.270 DC	1½	27/8	1½	2¾	.60
	• P-8723	A	.700	.925 DC	.450 DC	2	3¼	1½	213/16	.85

PRIMARYS 117 VOLTS 50/60 Hz. § SECONDARIES 28 VOLTS C.T. — LEAD WIRE TERMINATION

4	P-8600	A	.085	.110 DC	.065 DC	1¼	2½	1¼	1¾	.25
	P-8601	A	.175	.225 DC	.125 DC	1¾	2¾	1¾	2	.35
	P-8602	A	.300	.350 DC	.200 DC	1½	27/8	1½	2¾	.60
	P-8603	A	.800	1.000 DC	.500 DC	2	3¼	2	213/16	1.0

PRIMARYS 117 VOLTS 50/60 Hz. § SECONDARIES 36 VOLTS C.T. — LEAD WIRE TERMINATION

5	• P-8610	A	.065	.075 DC	.045 DC	1¼	2½	1¼	1¾	.25
	• P-8611	A	.135	.175 DC	.100 DC	1¾	2¾	1¾	2	.35
	• P-8612	A	.300	.350 DC	.200 DC	1½	27/8	1½	2¾	.60
	• P-8613	A	.550	.650 DC	.350 DC	2	3¼	1½	213/16	1.0

PRIMARYS 230 VOLTS 50/60 Hz. § SECONDARIES 36 VOLTS C.T. — LEAD WIRE TERMINATION

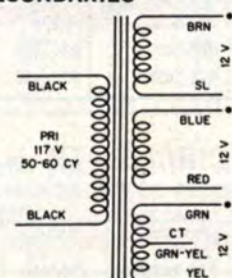
6	• P-8728	A	.065	.075 DC	.045 DC	1¼	2½	1¼	1¾	.25
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§ May be operated from a 400 Hz. source with no change in output ratings.

VERSATILE LOW CURRENT CONTROL TRANSFORMERS: PRIMARIES 117 VOLTS 50/60 Hz. § LEAD WIRE TERMINATION MULTIPLE SECONDARIES

Three isolated 12 Volt Secondaries (one with a center tap) provide many combinations of output voltages and current by series or parallel combinations.

Section	STANCOR Part No.	Style	Amperes Each Sec.	Case Dimension		Mtg. Dimension		Wt. Lbs.
				H	W	D	MW	
7	P-8361	S	.10	1¾	2	1½	1¾	.36
	P-8362	S	.15	2	2¾	1¾	2	.60
	P-8363	S	.25	2¾	27/8	1¾	2¾	.85
	P-8364	S	.50	2¾	27/8	21/8	2¾	1.25



• New Part Number † All values of output DC are based on a capacitive load.
 § May be operated from a 400 Hz. source with no change in output ratings.

CONTROL TRANSFORMERS

STYLE NCF & PCF

STYLE NV

STYLE S

STYLE PCC

WIRING DIAGRAM:

LINE → ① → PRIMARY (115-230V, 50-60 CPS) → ②, ③

FOR 230 V: CONNECT 2 & 3

FOR 115 V: CONNECT 1 & 2, 3 & 4

LINE → ④ ←

⑤ → SECONDARY → ⑥, ⑦ → SERIES: CONNECT 6 & 7

⑧ ← PARALLEL: CONNECT 5 & 6, 7 & 8

LOAD

NORMAL REACTANCE TYPE: PRIMARIES 115 VOLTS 50/60 Hz. — LEAD WIRE TERMINATION §

Section	STANCOR Part No.	Secondary			Case Dimensions			Mounting Dimensions		Approx. Weight Lbs.
		Volts	Amps.	V-A Cap.	H	W	D	MW	MD	
1	NCF-1650	16	3.15	50	2 ³ / ₄	3	3 ¹ / ₄	2 ³ / ₈	1 ³ / ₄	3 ¹ / ₂
	NCF-2425	24	1.05	25	2 ¹ / ₂	2 ⁵ / ₈	2 ¹ / ₂	2 ¹ / ₈	1 ¹ / ₂	2 ¹ / ₄
	NCF-2450	24	2.1	50	2 ³ / ₄	3	3 ¹ / ₄	2 ³ / ₈	1 ³ / ₄	3 ¹ / ₂
	NCF-2475	24	3.15	75	3 ³ / ₈	3 ¹ / ₂	3 ⁵ / ₈	3	2 ¹ / ₄	3 ¹ / ₂
	NCF-24100	24	4.15	100	3 ¹ / ₂	3 ¹ / ₈	3 ¹ / ₈	3 ³ / ₈	2 ¹ / ₈	5 ¹ / ₄
	NCF-24150	24	6.25	150	4	4 ¹ / ₂	4 ¹ / ₈	3 ³ / ₄	3	8 ¹ / ₂
	NCF-3250	32	1.55	50	2 ³ / ₄	3	3 ¹ / ₄	2 ³ / ₈	1 ³ / ₄	3 ¹ / ₂
	NCF-3275	32	2.35	75	3 ³ / ₈	3 ¹ / ₂	3 ⁵ / ₈	3	2 ¹ / ₄	4 ¹ / ₂
	NCF-32150	32	4.7	150	4	4 ¹ / ₂	4 ¹ / ₈	3 ³ / ₄	3	8 ¹ / ₂
	NCF-1550	550	(NL)	50	3 ¹ / ₂	2 ⁷ / ₈	3 ¹ / ₄	2 ¹ / ₄	2	3 ¹ / ₂

§ May be operated from a 400 Hz. source with no change in output ratings.

POWER CIRCUIT TRANSFORMERS: PRIMARIES 50/60 Hz. — LEAD WIRE TERMINATION §

Section	STANCOR Part No.	Primary Volts	Secondary			Case Dimensions			Mounting Dimensions		Weight Lbs.
			Volts	Amps.	V-A Cap.	H	W	D	MW	MD	
2	PCF-2025	230	115	.25	25	2 ¹ / ₈	3	3	2 ³ / ₈	1 ¹ / ₂	2
	PCF-2050	230	115	.45	50	2 ¹ / ₈	3	3 ¹ / ₂	2 ³ / ₈	2	2 ³ / ₄
	PCF-24075	230/460	115	.65	75	3 ³ / ₈	3 ¹ / ₂	3 ⁵ / ₈	3	2 ¹ / ₄	4 ¹ / ₄
	PCF-24250	230/460	115	2.2	250	4 ¹ / ₈	5 ¹ / ₄	4 ¹ / ₈	4 ¹ / ₄	3	12

POWER CIRCUIT TRANSFORMERS: CONDUIT BOX MOUNTING

Section	STANCOR Part No.	Primary		Secondary			Case Dimensions			Mounting Dimensions		Weight Lbs.
		Volts	Hz.	Volts	Amps.	V-A Cap.	H	W	D	MW	MD	
3	PCC-24250	230/460	50-60	115	2.2	250	4 ⁷ / ₈	4 ³ / ₈	5 ¹ / ₄	3 ¹ / ₄	1 ⁷ / ₈	11 ¹ / ₂

CONTROL TRANSFORMERS

PRIMARIES 115/230 VOLTS 50/60 Hz. — SOLDER LUG TERMINATION — WITH DUAL SECONDARY WINDINGS #

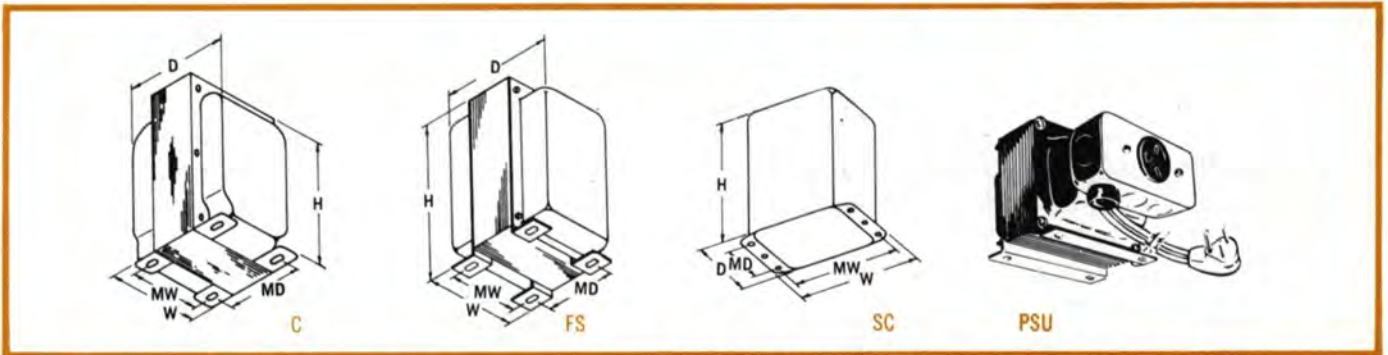
Typical Applications: Automatic Assembly equipment, Relays, Solenoids, Small Motors, Speed Changers, Recording Devices, Pumps, Electronic Tubes, Heating Elements, Elevators, Door Openers, Auto-

matic Musical Instruments, Low Voltage Lighting Signal Lamps, Spark Plug Testers, Control Valves for Fluids and Gases, Fans and Blowers, Mechanical and Electrical Signs and similar applications.

Section	STANCOR Part No.	Style	V-A Cap.	Output From Two Secondary Windings*			Case Dimensions			Mtg. Dimensions		Weight Lbs.
				Individually	Parallel	Series	H	W	D	MW	MD	
1	P-6375	S	12	6V @ 1A	6V @ 2A	12V @ 1A	2 ³ / ₈	2 ⁷ / ₈	1 ¹ / ₈	2 ³ / ₈	—	1.0
	P-6376	S	24	6V @ 2A	6V @ 4A	12V @ 2A	2 ³ / ₈	3 ¹ / ₈	1 ⁷ / ₈	2 ¹ / ₈	—	1.5
	P-6377	S	48	12V @ 2A	12V @ 4A	24V @ 2A	3 ¹ / ₈	3 ⁵ / ₈	2 ¹ / ₄	3 ¹ / ₈	—	2.5
	P-6378	NV	96	12V @ 4A	12V @ 8A	24V @ 4A	3 ⁷ / ₈	2 ¹ / ₈	2 ⁷ / ₈	2 ¹ / ₄	2 ¹ / ₄	4.2
	P-6379	NV	192	12V @ 8A	12V @ 16A	24V @ 8A	4 ³ / ₈	3 ³ / ₈	3 ³ / ₈	2 ³ / ₄	3	8.0
	•P-8615	S	12	24V @ 0.25A	24V @ 0.5A	48V @ 0.25A	2 ³ / ₈	2 ⁷ / ₈	1 ⁵ / ₈	2 ³ / ₈	—	1.0
	•P-8616	S	24	24V @ 0.5A	24V @ 1A	48V @ 0.5A	2 ³ / ₈	3 ¹ / ₈	1 ⁷ / ₈	2 ³ / ₈	—	1.5
	•P-8617	S	48	24V @ 1A	24V @ 2A	48V @ 1A	3 ¹ / ₈	3 ⁵ / ₈	2 ¹ / ₄	3 ¹ / ₈	—	2.5
	•P-8618	NV	96	24V @ 2A	24V @ 4A	48V @ 2A	3 ⁷ / ₈	2 ¹ / ₈	2 ⁷ / ₈	2 ¹ / ₄	2 ¹ / ₄	4.2
	•P-8619	NV	192	24V @ 4A	24V @ 8A	48V @ 4A	4 ³ / ₈	3 ³ / ₈	3 ³ / ₈	2 ³ / ₄	3	8.0

* By connecting primaries in series (for 230 Volts) but using only 115 Volts input, a series of half voltage output ratings becomes available at the full rated current from each secondary. # (Refer to Schematic Diagram on opposite page.)

AUTO TRANSFORMERS



STEP-DOWN AUTO-TRANSFORMERS: PRIMARIES 230 VOLTS 50/60 Hz., LINE CORD & PLUG
SECONDARIES 115 VOLTS, STANDARD FEMALE RECEPTACLE §

Section	STANCOR Part No.	Input Voltage	Output Voltage	RMS Test Voltage	Style	VA Cap.	Case Dimensions			Mounting Dimensions		Weight Lbs.
							H	W	D	MW	MD	
2	P-6287	230	115	1500	C	40	3 ¹ / ₂	2 ⁵ / ₈	2 ¹ / ₂	2	1 ¹ / ₂	2.2
	P-5062	230	115	1500	C	80	3 ¹ / ₂	2 ¹ / ₈	3 ³ / ₈	2 ¹ / ₄	2 ¹ / ₈	3.8
	•P-8630	230	115	1500	C	85	3 ¹ / ₂	2 ⁹ / ₈	2 ³ / ₄	2	1 ³ / ₈	2.5
	P-5063	230	115	1500	C	100	3 ⁷ / ₈	3 ¹ / ₈	3 ⁵ / ₈	2 ¹ / ₂	2 ¹ / ₈	4.5
	•P-8631	230	115	1500	C	125	3 ¹ / ₂	2 ⁵ / ₈	3	2	2	3.0
	P-5064	230	115	1500	C	150	4 ¹ / ₄	3 ⁷ / ₈	3 ⁵ / ₈	2 ³ / ₄	2 ³ / ₈	5.2
	P-5065	230	115	1500	C	300	4 ¹ / ₈	3 ³ / ₄	4 ¹ / ₄	3	3 ¹ / ₈	8.8
	P-6141	230	115	1500	C	500	4 ¹ / ₈	3 ³ / ₄	5 ¹ / ₄	3	4 ¹ / ₈	13.7
P-6124	230	115	1500	FS	1000	7 ¹ / ₈	5 ⁵ / ₈	6 ³ / ₄	4 ⁵ / ₈	4	24.7	
3	SD-50	230	115	1500	SC	50	3 ¹ / ₂	3 ¹ / ₂	2 ⁷ / ₈	3 ¹ / ₈	2	2.8
	SD-100	230	115	1500	SC	100	4 ³ / ₈	4 ³ / ₈	3 ¹ / ₈	3 ⁷ / ₈	2 ³ / ₄	4.3
	SD-150	230	115	1500	SC	150	5 ³ / ₈	5 ¹ / ₄	4 ³ / ₈	4 ³ / ₄	2 ¹ / ₂	7.0
	SD-250	230	115	1500	SC	250	5 ³ / ₈	5 ¹ / ₄	4 ³ / ₈	4 ³ / ₄	2 ¹ / ₂	8.8
	SD-500	230	115	1500	SC	500	6 ¹ / ₄	5 ⁷ / ₈	5 ³ / ₈	5 ³ / ₈	3 ¹ / ₂	14.5
	SD-1000	230	115	1500	SC	1000	7 ¹ / ₈	6 ¹ / ₂	6 ¹ / ₈	6	4 ¹ / ₄	22.5

LINE ADJUSTING AUTO-TRANSFORMERS: PRIMARIES 50/60 Hz., LINE CORD & SELECTOR SWITCH
SECONDARIES FEMALE RECEPTACLE WITH VOLTMETER §

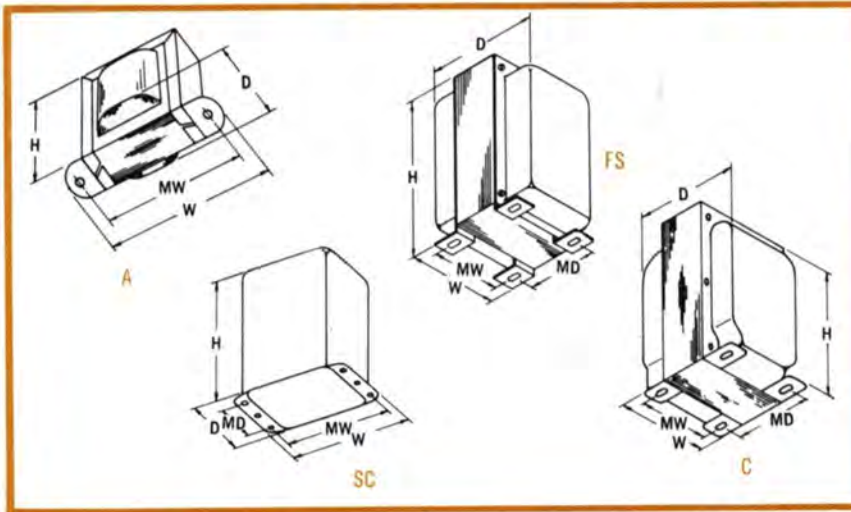
Section	STANCOR Part No.	Input Voltage	Output Voltage	RMS Test Voltage	Style	VA Cap.	Case Dimensions			Mtg. Dimensions		Weight Lbs.
							H	W	D	MW	MD	
4	PV-6441	65/75/90/100/115/130/145	115	500	C	150	5 ¹ / ₂	3 ³ / ₄	5 ³ / ₈	3	4 ³ / ₈	6.4
	PV-6442	65/75/90/100/115/130/145	115	500	C	350	5 ¹ / ₂	3 ³ / ₄	6 ¹ / ₂	3	5 ¹ / ₈	10.5
	PV-6443	65/75/90/100/115/130/145	115	500	C	500	5 ¹ / ₂	3 ³ / ₄	7 ¹ / ₄	3	5 ¹ / ₈	15.0
	PV-6444	65/75/90/100/115/130/145	115	500	C	750	6 ³ / ₈	4 ⁵ / ₈	8 ¹ / ₂	3 ¹ / ₂	6 ⁵ / ₈	19.0

STEP-UP—STEP-DOWN AUTO-TRANSFORMERS: 208/230 VOLTS OR 230/208 VOLTS 60 Hz. BY
(Three Wire Line Cord and Receptacle) MEANS OF CONNECTION CHANGE INSIDE OUTLET BOX

5	PSU-2000	208	230	1750	PSU	2300	3 ¹ / ₂	4 ³ / ₈	6 ¹ / ₂	3 ¹ / ₄	2 ⁷ / ₈	9.0
	PSU-3000	208	230	1750	PSU	3000	4	4 ¹ / ₂	6	3 ³ / ₄	2 ³ / ₈	10.0

• New Part Number. § May be operated from a 400 Hz. source with no change in output ratings.

ISOLATION/AUTO TRANSFORMERS



GSD SERIES

Available in 9 sizes to handle continuous duty power requirements from 75 VA. to 1.5 KVA., 230 volts 50/60 Hz. to 115 volts, single phase. All units built in type "C" mounting style semi-shielded construction. Case and core are connected internally to third wire in line cord and output receptacle, to comply with modern safety standards.

LINE ADJUSTING ISOLATION TRANSFORMERS: PRIMARIES 50/60 Hz., § LINE CORD & SELECTOR SWITCH SECONDARY STANDARD FEMALE RECEPTACLE

Section	STANCOR Part No.	Input Voltage	Output Voltage	RMS Test Voltage	Case Dimensions			Mtg. Dimensions		Weight Lbs.		
					Style	VA Cap.	H	W	D		MW	MD
1	IS-50	105/115/125	125/115/105	1500	SC	50	4 1/16	4 7/16	3 1/16	3 7/8	2 3/4	5.0
	IS-100	105/115/125	125/115/105	1500	SC	100	5 3/16	5 1/4	4 3/16	4 3/4	2 1/2	8.5
	IS-150	105/115/125	125/115/105	1500	SC	150	6 1/16	5 7/8	5 3/16	5 3/8	3 1/2	12.5
	IS-250	105/115/125	125/115/105	1500	SC	250	6 1/16	5 7/8	5 3/16	5 3/8	3 1/2	18.3

STRAIGHT ISOLATION: PRIMARIES 50/60 Hz., LINE CORD § ELECTROSTATIC SHIELDS GRNDED. TO CORE: SECONDARY FEMALE RECEPTACLE EXCEPT P-6411, P-6412 & P6413 LEAD TERMINATION

2	P-6413	115	115	1500	A	0.6	1 1/4	2 1/8	1 1/4	1 3/4	—	0.25
	P-6411	115	115	1500	A	15	2	3 1/4	1 7/8	2 1/16	—	1.0
	P-6412	115	115	1500	A	35	2 3/8	2 3/4	2	3 1/8	—	1.7
	P-6410	115	115	1500	C	50	3 1/2	2 3/8	3 1/8	2 1/4	1 7/8	3.7
	P-6160	105/115/125	115	1500	C	100	4 1/16	3 3/4	3 3/4	3	2 3/16	7.0
	P-6371	117	115	1500	SC	175	5 3/16	5 1/4	4 3/16	4 3/4	2 1/2	9.0
	P-6161	105/115/125	115	1500	C	250	4 1/16	3 3/4	5 1/2	3	4 3/8	14.2
	P-6298	105/115/125	115	1500	FS	500	7 5/8	5 5/8	7 1/4	4 5/8	4 1/4	28.0
	P-6125	105/115/125	115	1500	FS	1000	7 5/8	5 5/8	7 3/4	4 5/8	5	35.0
	P-6123	105/115/125	115	1500	FS	1500	7 5/8	5 5/8	9	4 5/8	6 1/4	50.0

STEP-DOWN ISOLATION: PRIMARIES 50/60 Hz., LINE CORD § ELECTROSTATIC SHIELDS GRNDED TO CORE: SECONDARY FEMALE RECEPTACLE §

3	P-6383	210/230/250	115	1500	C	100	4 1/16	3 3/4	3 3/4	3	2 3/8	7.3
	P-6385	210/230/250	115	1500	C	250	4 1/16	3 3/4	5 1/2	3	4 3/8	14.2
	P-6387	210/230/250	115	1500	FS	500	7 3/8	5 5/8	7 1/8	4 5/8	4 1/4	29.5
	P-6389	210/230/250	115	1500	FS	1000	7 3/8	5 5/8	7 3/4	4 5/8	5	34.0
	P-6390	210/230/250	115	1500	FS	1500	7 3/8	5 5/8	9 1/4	4 5/8	6 1/2	50.0

ISOLATION TESTING TRANSFORMERS: PRIMARIES 50/60 Hz., LINE CORD § ELECTROSTATIC SHIELD GROUND TO CORE: SECONDARY THREE FEMALE RECEPTACLES §

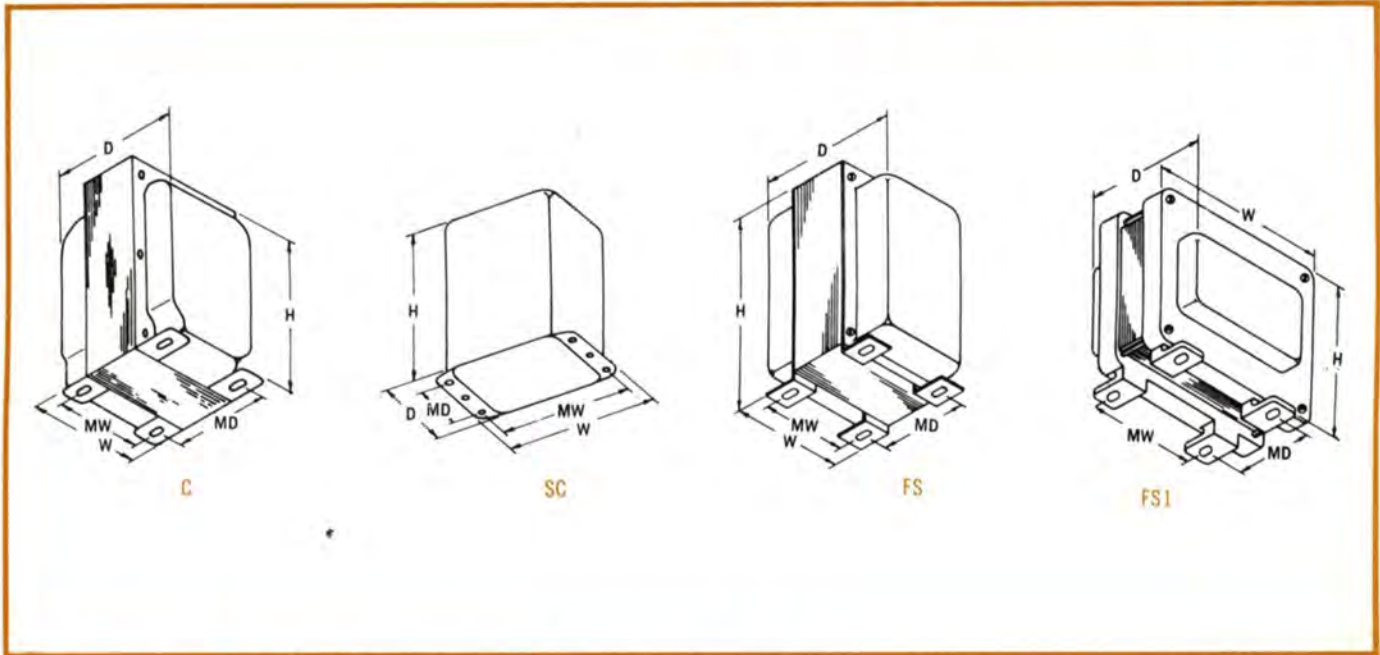
4	P-6415	117	105/115/125	1500	C	350	5 1/2	4 5/8	5 3/16	3 1/2	4 1/16	17.0
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STEP-DOWN AUTO-TRANSFORMERS: 230/115 VOLTS, 50/60 Hz. CASE AND CORE § (Three Conductor Line Cord and Receptacle) INTERNALLY CONNECTED TO THIRD CONDUCTOR OF NEMA STANDARD CORD AND RECEPTACLE FOR SAFETY

5	GSD-75	230	115	1500	C	75	3 7/8	3 3/16	2 3/4	2 1/2	1 1/2	3.0
	GSD-100	230	115	1500	C	100	3 7/8	3 3/16	3	2 1/2	1 3/4	3.7
	GSD-150	230	115	1500	C	150	3 7/8	3 3/16	3 1/4	2 1/2	2	4.4
	GSD-250	230	115	1500	C	250	4 5/8	3 3/16	3 3/4	3	2 5/8	7.6
	GSD-350	230	115	1500	C	350	4 5/8	3 3/16	3 3/4	3	2 5/8	7.4
	GSD-500	230	115	1500	C	500	4 5/8	3 3/16	4 3/16	3	3 1/8	9.6
	GSD-750	230	115	1500	C	750	5 1/2	4 5/8	4 3/16	3 1/2	2 7/8	12.1
	GSD-1000	230	115	1500	C	1000	5 1/2	4 5/8	5 3/8	3 1/2	3 3/8	16.5
	GSD-1500	230	115	1500	C	1500	5 1/2	4 5/8	5 7/8	3 1/2	4 1/4	20.1

• New Part Number. § May be operated from a 400 Hz. source with no change in output ratings.

PLATE TRANSFORMERS

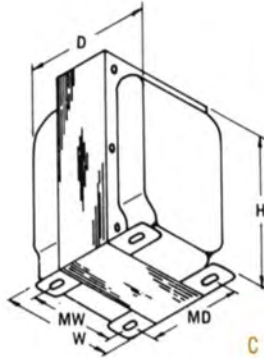


FOR REACTOR INPUT SYSTEMS: ALL PRIMARIES 50/60 Hz. §

Section	STANCOR No.	Style	Plate Winding AC Volts	DC Volts	DCMA		Primary Volts	Case Dimension			Mtg. Dimension		Wt. Lbs.
					CCS	ICAS		H	W	D	MW	MD	
1	P-8040*	C	500-40-0-500	400 40	300	375	115	4 1/4	3 3/4	4 5/8	3	3 3/8	9.8
	P-8041*	C	615-520-40-0 520-615	500 400 40	250	310	115	4 1/4	3 3/4	5 1/4	3	4 1/8	13.6
	P-45‡	SC	675-575-0 575-675	500 400	250	325	115/230	5 5/8	5 1/4	4 3/8	4 3/4	2 1/2	12.0
	P-8042*	C	770-510-40-0 510-770	600 400 40	300	375	115	4 1/4	3 3/4	6 1/2	3	5 3/8	18.0
	P-67‡	SC	900-735-0 735-900	750 600	250	325	115/230	5 5/8	5 1/4	4 3/8	4 3/4	2 1/2	13.5
	P-8043*	FS	950-750-40-0 750-950	750 600 40	300	375	115	7 1/8	5 5/8	6 3/4	4 5/8	4	29.0
2	P-8044*	FS	1200-0-1200† 535-0-535	1000 400	150	190	115	7 5/8	6 1/8	8 1/4	4 3/4	4	29.8
	P-8025*	FS	1230-940-0 940-1230	1000 750	400	500	115	7 1/8	5 5/8	7 1/2	4 5/8	4 3/4	35.0
	P-1240‡	SC	1425-0-1425† 600-0-600	1250 400	150 200	200 260	115/230	6 1/4	5 5/8	5 7/8	5 3/8	3 1/2	26.0
	P-8026*	FS	1475-1175-0 1175-1475	1250 1000	300	375	115	7 1/8	5 5/8	7 1/2	4 5/8	4 3/4	36.5
	P-8027*	FS	1510-1210-0 1210-1510	1250 1000	500	625	115	7 1/8	5 5/8	8 1/4	4 5/8	5 1/2	45.2
	P-1512‡	FS-1	1710-1430 1430-1710	1500 1250	300	425	115/230	7	7 1/2	7	4 3/4	6	43.0
	P-8028*	FS	1740-1460-0 1460-1740	1500 1250	300	375	115	7 1/8	5 5/8	7 3/4	4 5/8	5	38.7
	P-8029*	FS	1775-1500-0 1500-1775	1500 1250	500	625	115/230	9 1/8	7 1/4	8 1/8	6	5 5/8	65.0
	P-8031*	FS	2075-1775-0 1775-2075	1750 1500	500	625	115/230	9 1/8	7 1/4	8 1/8	6	5 5/8	65.0
3	P-8030*	FS	2100-1800-0 1800-2100	1750 1500	300	375	115	7 1/8	5 5/8	7 1/4	4 5/8	5 1/2	45.8
	P-8033*	FS	2375-2065-0 2065-2375	2000 1750	500	625	115/230	9 1/8	7 1/4	8 3/8	6	5 7/8	77.0
	P-8032*	FS	2400-2100-0 2100-2400	2000 1750	300	375	115	7 1/8	5 5/8	8	4 5/8	6 1/4	46.0
	P-2520‡	FS-1	2820-2260-0 2260-2820	2500 2000	300	425	115/230	8 1/2	8 7/8	7 1/2	5 1/2	6 5/8	71.0
	P-8034*	FS	2900-2385-0 2385-2900	2500 2000	300	375	115/230	9 1/8	7 1/4	8 1/8	6	5 5/8	62.8
	P-2126‡	FS	2900-2320-0 2320-2900	2600 2100	500	700	115/230	9 3/8	7 1/4	10 1/2	6	7 3/4	95.0
	P-8035*	FS	2950-2375-0 2375-2950	2500 2000	500	575	115/230	9 1/8	7 1/4	9 5/8	6	7 1/8	80.0

All "C" style have Leads; "SC" style have Lugs; "FS" and "FS1" have Terminals. Maximum output current rating will be reduced according to form factor for rectifier circuit and type of load used. ‡ Secondary C.T. must be grounded.
 † Both Secondaries may be loaded Simultaneously. § May be operated from a 400 Hz. source with no change in output ratings.
 * Secondary C.T. does not have to be grounded. ALL SECONDARY AC VOLTAGES ±3%.

PLATE TRANSFORMERS



WITH PLATE LEADS OUT OF TOP: FOR REACTOR INPUT SYSTEMS — ALL PRIMARIES 50/60 Hz. §

Section	STANCOR No.	Style	Plate Winding AC Volts	DC Volts	DCMA		Primary Volts	Case Dimension			Mtg. Dimension		Wt. Lbs.
					CCS	ICAS		H	W	D	MW	MD	
1	PT-8311‡	C	1200-0-1200	1000	225	280	117	4 ¹ / ₁₆	3 ³ / ₈	5 ¹ / ₄	3	4 ¹ / ₁₆	13.0
	PT-8312‡	C	1200-0-1200	1000	325	405	117	5 ³ / ₈	4 ⁹ / ₈	6 ³ / ₄	3 ¹ / ₂	5 ¹ / ₈	22.5
	PT-8313‡	C	1475-0-1475	1250	250	310	117	5 ³ / ₈	4 ⁹ / ₈	6 ⁵ / ₈	3 ¹ / ₂	5	22.0
	PT-8314‡	C	1790-0-1790	1500	225	280	117	5 ³ / ₈	4 ⁹ / ₈	6 ¹ / ₂	3 ¹ / ₂	4 ⁷ / ₈	21.5
	PT-8315‡	C	2065-0-2065	1750	200	250	117	5 ³ / ₈	4 ⁹ / ₈	6 ⁵ / ₈	3 ¹ / ₂	5	22.0

CCS RATING FOR REACTOR INPUT-ICAS RATING FOR CAPACITOR INPUT: ALL PRIMARIES 50/60 Hz. §

2	PC-8301‡	C	415-0-415	300 425	200	160	117	3 ⁷ / ₈	3 ¹ / ₈	3 ¹ / ₂	2 ¹ / ₂	2 ³ / ₁₆	4.8
	PC-8302‡	C	515-0-515	385 500	235	200	117	4 ¹ / ₄	3 ³ / ₁₆	4 ¹ / ₈	2 ³ / ₄	2 ¹ / ₁₆	6.8
	PC-8303‡	C	665-0-665	500 750	250	200	117	4 ¹ / ₁₆	3 ³ / ₈	4 ³ / ₈	3	3 ³ / ₁₆	9.6
	PC-8304‡	C	750-0-750	600 850	265	200	117	4 ¹ / ₁₆	3 ³ / ₈	4 ⁷ / ₈	3	3 ¹ / ₁₆	11.5
	PC-8305‡	C	920-0-920	750 1000	250	200	117	4 ¹ / ₁₆	3 ³ / ₄	5	3	3 ¹ / ₁₆	11.9
	PC-8306‡	C	920-0-920† 500-0-500†	750 1100 380 550	150 150	125 125	117	4 ¹ / ₁₆	3 ³ / ₄	5	3	3 ¹ / ₁₆	11.9

All "C" style have Leads; "SC" style have lugs; "FS" and "FS1" have Terminals. Maximum output current rating will be reduced according to form factor for rectifier circuit and type of load used. ‡Secondary C.T. must be grounded.
 † Both Secondaries may be Loaded Simultaneously.
 § May be operated from a 400 Hz. source with no change in output ratings. All Secondary AC Voltages ±3%.

NOTE

The following pages contain listings of hermetically sealed and military type items which we no longer manufacture. They will be available from stock as commercial items until the supply is depleted.

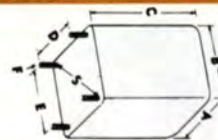
HERMETICALLY SEALED STANDARD TRANSFORMERS



PMS FMS



AMS



AUDIO TRANSFORMERS: FREQUENCY RESPONSE ± 2 db 300-10,000 Hz. MAXIMUM OPERATING ALTITUDE 50,000 FT.

Section	STANCOR No.	Application	Impedance	Operating Level	Pri. DCMA	Max. Wt. Lbs.	Dimensions in inches					
							A	B	C	D	E	F
1	AMS-1	P-P Plates to P-P Grids	Pri: 10,000 ohms C.T. Sec: 90,000 ohms C.T. 22,500 ohms C.T.	15 dbm.	10	.6	1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{3}{8}$	1 $\frac{3}{8}$	1 $\frac{3}{8}$	6-32
	AMS-3	Line to P-P Grids	Pri: 600 ohms C.T./150 ohms Sec: 135,000 ohms C.T.	15 dbm.	—	.6	1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{3}{8}$	1 $\frac{3}{8}$	1 $\frac{3}{8}$	6-32
	AMS-6	Single Plate to Voice Coil	Pri: 7600/4800 ohms Sec: 4/8/16 ohms	2W	40	.6	1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{3}{8}$	1 $\frac{3}{8}$	1 $\frac{3}{8}$	6-32
	AMS-7	P-P Plates to Line	Pri: 15,000 ohms C.T. Sec: 600 ohms C.T./150 ohms	2W	10	.6	1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{3}{8}$	1 $\frac{3}{8}$	1 $\frac{3}{8}$	6-32
	AMS-8	P-P Plates to Line	Pri: 24,000 ohms C.T. Sec: 600 ohms C.T./150 ohms	1W	20	.6	1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{3}{8}$	1 $\frac{3}{8}$	1 $\frac{3}{8}$	6-32
	AMS-9	P-P Plates to Line	Pri: 60,000 ohms C.T. Sec: 600 ohms C.T./150 ohms	5W	20	.6	1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{3}{8}$	1 $\frac{3}{8}$	1 $\frac{3}{8}$	6-32

POWER TRANSFORMERS: FOR REACTOR INPUT SYSTEMS — PRIMARIES 105/115/125 VOLTS, 54-66 Hz. MAXIMUM OPERATING ALTITUDE 10,000 FT.

Section	STANCOR No.	High Voltage Secondary		DC, V Output	Rectifier Filament		Filament No. 2		Wt. Lbs.	Dimensions in inches					
		AC Volts	DC Ma.		Volts	Amps	Volts	Amps		A	B	C	D	E	F
2	PMS-70	200-100-0 100-200	70	156	6.3/5	2	6.3	3	4	3 $\frac{1}{8}$	2 $\frac{3}{8}$	4 $\frac{1}{4}$	2 $\frac{1}{4}$	1 $\frac{3}{4}$	8-32
	PMS-70A	325-0-325	70	260	6.3/5	2	6.3	4	5	3 $\frac{1}{8}$	3 $\frac{1}{8}$	3 $\frac{7}{8}$	2 $\frac{3}{8}$	2 $\frac{1}{8}$	8-32
	PMS-150	325-0-325	150	245	6.3	5	5	3	7 $\frac{1}{4}$	3 $\frac{1}{8}$	3 $\frac{3}{8}$	4 $\frac{3}{8}$	3	2 $\frac{1}{8}$	10-32
	PMS-175	400-0-400	175	318	5	3	6.3	8	10	4 $\frac{3}{8}$	3 $\frac{1}{8}$	4 $\frac{1}{2}$	3 $\frac{3}{8}$	2 $\frac{1}{8}$	10-32
	PMS-250	450-0-450	250	345	5	3	6.3	8	13	4 $\frac{1}{8}$	4	4 $\frac{1}{8}$	3 $\frac{1}{8}$	3	1/4-20
	PMS-350	350-0-350	250	255	—	—	—	—	7 $\frac{1}{2}$	3 $\frac{1}{8}$	3 $\frac{3}{8}$	4 $\frac{3}{8}$	3	2 $\frac{1}{8}$	10-32
	PMS-550	550-0-550	250	419	—	—	—	—	11	4 $\frac{3}{8}$	3 $\frac{1}{8}$	4 $\frac{1}{2}$	3 $\frac{3}{8}$	2 $\frac{1}{8}$	10-32
	PMS-800	800-0-800	250	250	—	—	—	—	16 $\frac{1}{2}$	5 $\frac{1}{8}$	4 $\frac{3}{8}$	5 $\frac{1}{2}$	4 $\frac{1}{8}$	3 $\frac{3}{8}$	1/4-20

FILAMENT TRANSFORMERS: PRIMARIES 105/115/125 VOLTS, 54-66 Hz. MAXIMUM OPERATING ALTITUDE 10,000 FT.

Section	STANCOR No.	Secondary		Insul. Test Volts RMS	Wt. Lbs.	Dimensions in inches					
		Volts	Amps			A	B	C	D	E	F
3	FMS-23	2.5	3.0	2500	1 $\frac{1}{2}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$	1 $\frac{3}{8}$	1 $\frac{1}{4}$	6-32
	FMS-210	2.5	10	2500	2 $\frac{1}{2}$	2 $\frac{3}{8}$	2 $\frac{3}{8}$	2 $\frac{3}{8}$	2 $\frac{1}{8}$	1 $\frac{3}{8}$	6-32
	FMS-53	5.0	3.0	2500	1 $\frac{3}{4}$	2 $\frac{3}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{2}$	1 $\frac{1}{8}$	1 $\frac{3}{8}$	6-32
	FMS-510	5.0	10	2500	4	3 $\frac{1}{8}$	2 $\frac{3}{8}$	2 $\frac{3}{8}$	2 $\frac{3}{8}$	1 $\frac{3}{8}$	8-32
	FMS-62	6.3	2.0	2500	1 $\frac{3}{4}$	2 $\frac{3}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{2}$	1 $\frac{1}{8}$	1 $\frac{3}{8}$	6-32
	FMS-65	6.3	5.0	2500	2 $\frac{3}{4}$	2 $\frac{3}{8}$	2 $\frac{3}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{8}$	1 $\frac{3}{8}$	6-32
	FMS-210H	2.5	10	10000	4 $\frac{3}{4}$	3 $\frac{1}{8}$	3 $\frac{1}{8}$	3 $\frac{3}{8}$	2 $\frac{3}{8}$	2 $\frac{1}{8}$	8-32
	FMS-510H	5.0	10	10000	7	3 $\frac{1}{8}$	3 $\frac{3}{8}$	4 $\frac{3}{8}$	3	2 $\frac{1}{8}$	10-32

WIDE RANGE OUTPUT: FREQUENCY RESPONSE ± 1 db 30 TO 15,000 Hz. MAXIMUM OPERATING ALTITUDE 10,000 FT.

Section	STANCOR No.	Application	Impedance Ohms Pri. — Sec.	Operating Level	Output Tubes	Wt. Lbs.	Dimensions					
							A	B	C	D	E	F
4	BOH-2	Push-Pull Plates to Line	Pri: 20,000 C.T. Sec: 600/150 C.T.	+30 dbm.	6C5's or equiv.	3	2.861	2.711	3.492	2.000	1.875	8-32
	BOH-4	Push-Pull Plates to Line	Pri: 7500 C.T. Sec: 600/150 C.T.	+43 dbm.	6L6's or equiv.	6	3.667	3.292	4.305	2.625	2.375	10-32
	BOH-9	Push-Pull Plates to Line or Voice Coil	Pri: 5000/3000 C.T. Sec: 600/16/8 C.T. and 150/4	+42 dbm.	6B6A's or equiv.	6	3.667	3.292	4.305	2.625	2.375	10-32

WIDE RANGE INPUT: FREQUENCY RESPONSE ± 1 db 30 TO 15,000 Hz. MAXIMUM OPERATING ALTITUDE 10,000 FT.

Section	STANCOR No.	Application	Impedance Ohms Pri. — Sec.	Operating Level	Hum Reduction	Wt. Lbs.	Dimensions					
							A	B	C	D	E	F
5	BIH-1	Line to Single or Push-Pull Grids	Pri: 600/150 C.T. Sec: 50000 C.T.	+15 dbm.	-70 dbm.	1 $\frac{1}{2}$	2.241	2.101	2.930	1.562	1.375	6-32
	BIH-7	Low imped. mike, pickup, or multiple line to grid	Pri: 50/150/250/600 Sec: 50000 C.T.	+15 dbm.	-70 dbm.	1 $\frac{1}{2}$	2.241	2.101	2.930	1.562	1.375	6-32
	BIH-8	Single Plate to Push-Pull Grids	Pri: 10000 Sec: 50000 C.T.	+15 dbm.	-70 dbm.	1 $\frac{1}{2}$	2.241	2.101	2.930	1.562	1.375	6-32
	BIH-10	Sgl. or P.P. Plates to S. or P.P. Grids	Pri: 20000 C.T./5000 Sec: 20000 C.T./5000	+35 dbm.	—	2.0	2.312	2.062	3.125	1.687	1.437	6-32

Available until stock is depleted.
ALL SECONDARY AC VOLTAGES $\pm 3\%$.

Refer to note on bottom of Stancor Page 54 for availability.

HERMETICALLY SEALED STANDARD TRANSFORMERS



COMMUNICATIONS RANGE INPUT: FREQUENCY RESPONSE ± 1 db 200 TO 3500 Hz.
MAXIMUM OPERATING ALTITUDE 10,000 FT.

Section	STANCOR No.	Application	Impedances Ohms Pri. — Sec.	Wt. Lbs.	Dimensions					
					A	B	C	D	E	F
1	CIH-1	Low Level Line to Single or P-P Grids	Pri: 600/150 Sec: 100,000 C.T.	3/4	1.546	1.546	2.143	1.000	1.000	6-32
	CIH-2	Low Level SB or DB Microphone to Sgl. or P-P Grids	Pri: 125/50, 80 ma. Sec: 125,000 C.T.	3/4	2.241	2.101	2.680	1.562	1.375	6-32

COMMUNICATIONS RANGE OUTPUT: FREQUENCY RESPONSE ± 1 db 200 TO 3500 Hz.
MAXIMUM OPERATING ALTITUDE 10,000 FT.

Section	STANCOR No.	Typical Output Tubes	Class	Impedances Ohms Pri. — Sec.	Max. DC In Pri.	Power Level	Wt. Lbs.	Dimensions					
								A	B	C	D	E	F
2	COH-1	Sgl. 6L6, 6V6, 25A6 etc.	A	Pri: 5000 Sec: 600/150/16/8/4	55 ma.	5 watts	2 1/4	2.381	2.381	3.049	1.812	1.687	6-32
	COH-2	Sgl. 6F6, 6V6, 6N6, 6K6, 7B5	A	Pri: 8000 Sec: 600/150/16/8/4	55 ma.	5 watts	2 1/4	2.521	2.381	3.049	1.812	1.687	6-32

TRANSISTOR AUDIO: MAXIMUM OPERATING ALTITUDE 10,000 FT.

Section	STANCOR No.	Application	Impedance in Ohms		Max. Pri. DC Ma.	DC Res. in Ohms		Power in Watts	Wt. Lbs.	Dimensions						
			Pri.	Sec.		Pri.	Sec.			A	B	C	D	E	S	F
3	TAMS-1	Input	600 C.T.	10	20	42	.8	.05	2 1/2 oz.	1	1	1 3/8	—	—	3/4	4-40 x 3/8
	TAMS-2	Interstage	100 C.T.	10 C.T.	100	4.3	.8	.25	5 oz.	1 1/8	1 1/8	1 3/4	—	—	1 1/4	6-32 x 3/8
	TAMS-3	Interstage	100	1000 C.T.	100	5.8	45	.25	11 oz.	1 3/8	1 3/8	2 3/8	1 1/8	1 3/8	—	6-32 x 3/8
	TAMS-4	Interstage	500 C.T.	5000 C.T.	12	37	250	.03	11 oz.	1 3/8	1 3/8	2 3/8	1 1/8	1 3/8	—	6-32 x 3/8
	TAMS-5	Driver	1000	200 C.T.	10	400	115	.05	2 oz.	1	1	1 3/8	—	—	3/4	4-40 x 3/8
	TAMS-6	Driver	2000	200 C.T.	5	720	115	.05	2 oz.	1	1	1 3/8	—	—	3/4	4-40 x 3/8
	TAMS-7	Driver	100	100 C.T.	100	12	12	.5	1 lb.	1 1/8	1 1/8	2 1/8	1 3/8	1 1/4	—	6-32 x 3/8
	TAMS-8	Output	9800	15	2	640	2	.05	2 oz.	1	1	1 3/8	—	—	3/4	4-40 x 3/8
	TAMS-9	Output	1000	4/8/16	10	180	3.5	.2	2 1/2 oz.	1	1	1 3/8	—	—	3/4	4-40 x 3/8
	TAMS-10	Output	2000 C.T.	4/8/16	—	250	4	.2	2 1/2 oz.	1	1	1 3/8	—	—	3/4	4-40 x 3/8
	TAMS-11	Output	48 C.T.	8/16	275	5	1.5	5	1 1/2 lb.	2 1/8	2 1/8	3 3/8	1 1/8	1 3/8	—	6-32 x 3/8
	TAMS-12	Output	20 C.T.	8	500	.55	.35	10	12 oz.	1 3/8	1 3/8	2 3/8	1 3/8	1 3/8	—	6-32 x 3/8

FOR CAPACITOR INPUT SYSTEMS: PRIMARIES 117 VOLTS 50/60 Hz.
MAXIMUM OPERATING ALTITUDE 10,000 FT

Section	STANCOR No.	High Voltage Secondary			Rectifier		Filament			Wt. Lbs.	Dimensions						
		AC Volts	DC Ma.	DC V. Output	Volts	Amps	No. 2		No. 3		A	B	C	D	E	F	
4	PHC-55	270-0-270	55	260	5	2	6.3 C.T.	2	—	—	3 1/2	2.861	2.711	3.742	2.000	1.875	8-32
	PHC-70	335-0-335	70	320	5	2	6.3 C.T.	3	—	—	4 1/2	3.245	2.979	4.242	2.375	2.125	8-32
	PHC-105	345-0-345	105	320	5	2	6.3 C.T.	3.5	—	—	6 1/2	3.667	3.292	4.680	2.625	2.375	10-32
	PHC-120	375-0-375	120	380	5	3	6.3 C.T.	4	—	—	9 1/2	3.667	3.292	4.680	2.625	2.375	10-32
	PHC-150	370-0-370	150	390	5	3	6.3 C.T.	4	6.3 C.T.	1	11 1/2	4.573	4.120	5.318	3.375	3.000	10-32
	PHC-200	385-0-385	200	390	5	3	6.3 C.T.	4.5	6.3 C.T.	1	12	4.573	4.120	5.318	3.375	3.000	10-32
	PHC-250	400-80-0-80-400	250	410	5	6	6.3 C.T.	7	5	2	15	5.323	4.792	6.068	3.375	3.000	12-24

FOR REACTOR INPUT SYSTEMS: PRIMARIES 117 VOLTS 50/60 Hz.
MAXIMUM OPERATING ALTITUDE 10,000 FT.

Section	STANCOR No.	AC Volts	DC Ma.	DC V. Output	Volts	Amps	No. 2		No. 3		Wt. Lbs.	Dimensions					
							Volts	Amps	Volts	Amps		A	B	C	D	E	F
5	PHR-55	350-0-350	55	260	5	2	6.3 C.T.	2	—	—	3 1/4	2.861	2.711	3.742	2.000	1.875	8-32
	PHR-70	425-0-425	70	320	5	2	6.3 C.T.	3	—	—	4 1/2	3.245	2.979	4.242	2.375	2.125	8-32
	PHR-105	450-0-450	105	320	5	2	6.3 C.T.	3.5	—	—	6 1/2	3.667	3.292	4.680	2.625	2.375	10-32
	PHR-120	500-0-500	120	390	5	3	6.3 C.T.	4	—	—	9 1/2	3.667	3.292	4.680	2.625	2.375	10-32
	PHR-150	510-0-510	150	395	5	3	6.3 C.T.	4	6.3 C.T.	1	11 1/2	4.573	4.120	5.318	3.375	3.000	10-32
	PHR-200	520-0-520	200	390	5	3	6.3 C.T.	4.5	6.3 C.T.	1	12 1/4	4.573	4.120	5.318	3.375	3.000	10-32

FOR REGULATED POWER SUPPLIES: PRIMARIES 117 VOLTS 50/60 Hz.
MAXIMUM OPERATING ALTITUDE 10,000 FT

Section	STANCOR No.	AC Volts	DC Ma.	DC V. Output	Volts	Amps	No. 2		No. 3		Wt. Lbs.	Dimensions					
							Volts	Amps	Volts	Amps		A	B	C	D	E	F
6	PHC-165	440-0-440	165	430	5	2	6.3	7.5	6.3	3	12	4.573	4.120	5.318	3.375	3.000	10-32
	PHC-200A	450-0-450	200	442	5	3	6.3	4	6.3	0.6	—	12	4.573	4.120	5.318	3.375	3.000

Available until stock is depleted.
Refer to note on bottom of Stancor Page 54 for availability.

HERMETICALLY SEALED STANDARD TRANSFORMERS

FOR SILICON RECTIFIER POWER SUPPLIES: PRIMARIES 117 VOLTS 50/60 Hz.
MAXIMUM OPERATING ALTITUDE 10,000 FT.

Section	STANCOR No.	Sec. No. 1		Sec. No. 2		Sec. No. 3		Style	Wt. Lbs.	Dimensions						
		Volts	DCMA	Volts	Amps	Volts	Amps			A	B	C	D	E	S	F
1	HRP-400	400 C.T.	400	6.3	3.0	6.3	3.0	HRP	10.5	4 $\frac{1}{16}$	3 $\frac{1}{16}$	5 $\frac{1}{16}$	3 $\frac{3}{16}$	2 $\frac{1}{16}$	—	10-32 x 1/2
	HRP-600	300 C.T.	600	6.3	2.5	6.3	2.5	HRP	10.5	4 $\frac{3}{16}$	3 $\frac{1}{16}$	5 $\frac{1}{16}$	3 $\frac{3}{16}$	2 $\frac{1}{16}$	—	10-32 x 1/2
	HRP-800	200 C.T.	800	6.3	2.0	6.3	2.0	HRP	10.0	4 $\frac{3}{16}$	3 $\frac{1}{16}$	5 $\frac{1}{16}$	3 $\frac{3}{16}$	2 $\frac{1}{16}$	—	10-32 x 1/2
	HRP-1600	100 C.T.	1600	6.3	1.5	6.3	1.5	HRP	10.5	4 $\frac{3}{16}$	3 $\frac{1}{16}$	5 $\frac{1}{16}$	3 $\frac{3}{16}$	2 $\frac{1}{16}$	—	10-32 x 1/2
	HRP-2000	80 C.T.	2000	6.3	1.5	6.3	1.5	HRP	9.6	4 $\frac{3}{16}$	3 $\frac{1}{16}$	5 $\frac{1}{16}$	3 $\frac{3}{16}$	2 $\frac{1}{16}$	—	10-32 x 1/2
	HRP-2500	60 C.T.	2500	6.3	1.5	6.3	1.5	HRP	9.0	4 $\frac{3}{16}$	3 $\frac{1}{16}$	5 $\frac{1}{16}$	3 $\frac{3}{16}$	2 $\frac{1}{16}$	—	10-32 x 1/2

All Secondary AC Voltage $\pm 3\%$.

FILTER REACTORS: MAX. ALTITUDE 10,000 FT.

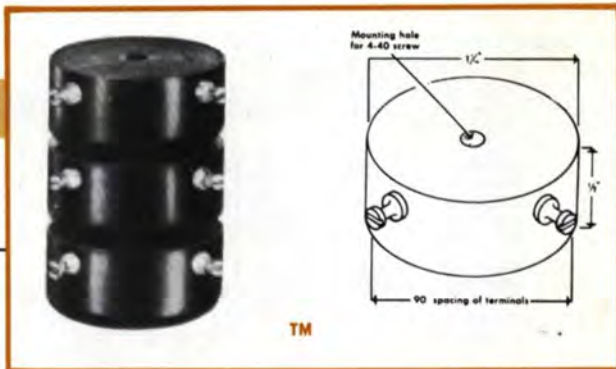
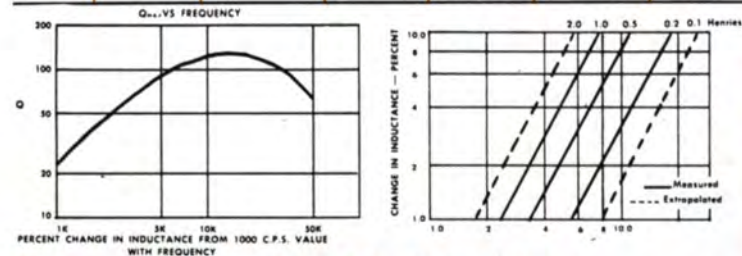
Section	STANCOR No.	Ind. Henries	Max. DC Ma	DC Res. in Ohms	Insul. Test RMS V	Wt. Lbs.	Dimensions					
							A	B	C	D	E	F
2	RH-1055	10	55	230	2500	1 $\frac{3}{4}$	2.241	2.101	2.930	1.562	1.375	6-32
	RH-1085	10	85	175	2500	2 $\frac{1}{2}$	2.521	2.381	3.049	1.812	1.687	6-32
	RH-1585	15	85	285	2500	2 $\frac{3}{4}$	2.521	2.381	3.049	1.812	1.687	6-32
	RH-8105	8	105	100	2500	3 $\frac{3}{4}$	2.861	2.711	3.742	2.000	1.875	8-32
	RH-12105	12	105	170	2500	4	2.861	2.711	3.742	2.000	1.875	8-32
	RH-8150	8	150	100	2500	5 $\frac{1}{4}$	3.245	2.979	3.867	2.375	2.125	8-32
2	RH-12150	12	150	150	2500	5 $\frac{1}{2}$	3.245	2.979	4.242	2.375	2.125	8-32
	RH-12150	8	200	85	2500	7	3.667	3.292	4.305	2.625	2.375	10-32
	RH-12200	12	200	140	2500	7	3.667	3.292	4.305	2.625	2.375	10-32

Available Until Stock is Depleted.

TOROIDAL INDUCTORS:

INDUCTANCE TOLERANCE $\pm 1\%$, MAX. ALTITUDE 10,000 FT.

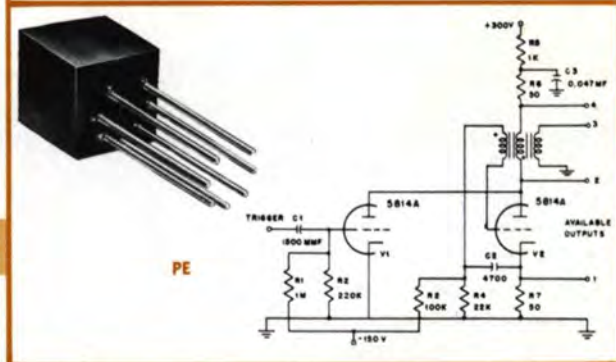
Section	STANCOR No.	Inductance (m.h.)	DC Res. (ohms)	Catalog No.	Inductance (m.h.)	DC Res. (ohms)
3	TM-1A	1	.32	TM-80A	80	29.5
	TM-2A	2	.72	TM-100A	100	32.5
	TM-5A	5	1.85	TM-200A	200	71.5
	TM-8A	8	2.25	TM-500A	500	185
				TM-800A	800	300



PULSE TRANSFORMERS: RATIO 1:1:1

FITS 7 PIN MINIATURE TUBE SOCKET

Section	STANCOR No.	Nominal Pulse Width in Microseconds	Rise Time in Microseconds	Height	Width	Depth	Approx. Wt. Lbs.
4	PE-50	0.5	.07	3/16	3/16	3/16	.01
	PE-75	0.75	.07	3/16	3/16	3/16	.01
	PE-500	5	.07	3/4	1/16	1/16	.01
	PE-700	7	.1	3/4	1/16	1/16	.01



Refer to note on bottom of Stancor Page 54 for availability.

HERMETICALLY SEALED STANDARD TRANSFORMERS

FILAMENT TRANSFORMERS: PRIMARIES 115/230 VOLTS, 50/60 Hz. MAX. ALTITUDE 10,000 FT.

Section	STANCOR Number	Secondary		Insulation Test Volts RMS	Wt. Lbs.	Dimensions					
		Volts	Amps			A	B	C	D	E	F
1	FH-25	2.5 C.T.	5.25	3500	2	2.521	2.381	3.299	1.812	1.687	6-32
	FH-210	2.5 C.T.	10.	5000	3	2.521	2.381	3.299	1.812	1.687	6-32
	FH-215H	2.5 C.T.	15.	9000	5 1/4	3.667	3.292	4.680	2.625	2.375	10-32
	FH-58	5.0 C.T.	10.	2500	3 1/2	2.861	2.711	3.742	2.000	1.875	8-32
	FH-510H	5.0 C.T.	10.	8000	6	3.667	3.292	4.680	2.625	2.375	10-32
	FH-520HB	5.0 C.T.	20.	10000	13	5.323	4.792	6.068	3.375	3.000	12-24
	FH-65	6.3 C.T.	5.5	2500	3	2.861	2.711	3.492	2.000	1.875	8-32
	FH-610	6.3 C.T.	10.	2500	5	3.245	2.979	4.242	2.375	2.125	8-32

PRIMARIES 105/115/125 VOLTS, 50/60 Hz., MAX. ALTITUDE 10,000 FT.

Section	STANCOR Number	Sec. No. 1	Sec. No. 2	Sec. No. 3	Insul. Test	Wt. Lbs.	Dimensions					
							A	B	C	D	E	F
2	FMS-2	5V 2A	6.3V C.T. 5A	—	2500V	4	2 3/4	2 3/8	3 1/2	2 1/8	1 3/4	6-32 x 3/8
	FMS-3	5V 3A	12.6V C.T. 1.25A	—	2500V	3 1/2	3 1/8	2 3/8	4 1/4	2 1/8	1 5/8	8-32 x 3/8
	FMS-8	5V C.T. 3A	5V C.T. 3A	5V C.T. 6A	5000V	7	3 1/8	3 1/8	3 7/8	2 3/8	2 1/8	8-32 x 3/8
	FMS-5	5V 3A	6.3V C.T. 1A	6.3V C.T. 5A	2500V	4 3/4	3 1/8	3 3/8	5 1/4	3	2 3/8	10-32 x 1/2

PRIMARIES 105/115/125 VOLTS, 380-1000 Hz. MAX. ALTITUDE 70,000 MT., MAX. AMBIENT TEMP. 85°C

Section	STANCOR Number	Sec. Volts	Sec. Amps	Insul. Test Volts RMS	Wt. Lbs.	Dimensions						
						A	B	C	D	E	S	F
3	4FMS-65	6.3 C.T.	5.5	2500	1 1/4	1 3/8	1 1/2	2 3/8	1 3/8	1 1/4	—	6-32 x 3/8
	4FMS-2415	24. C.T.	1.5	1500	1.2	1 1/8	1 1/2	2 3/8	1 3/8	1 1/4	—	6-32 x 3/8
	4FMS-122	12.6 C.T.	2.0	1500	1.3	1 3/8	1 1/2	2 3/8	1 3/8	1 1/4	—	6-32 x 3/8

MAX. ALTITUDE 10,000 MT., MAX. AMBIENT TEMP. 85°C

4	4FH-63	6.3 C.T.	3.	2500	3/4	1.901	1.791	2.205	1.312	1.062	—	6-32
	4FH-65	6.3 C.T.	5.5	2500	1	1.901	1.791	2.424	1.312	1.062	—	6-32
	4FH-610	6.3 C.T.	10	2500	1 3/4	2.241	2.101	2.930	1.562	1.375	—	6-32
	4FH-620	6.3 C.T.	20.	2500	2 1/2	2.521	2.381	3.299	1.812	1.687	—	6-32

FOR CAPACITOR INPUT SYSTEMS:

PRIMARIES 105/115/125 VOLTS, 380-1000 Hz. MAX. ALTITUDE 70,000 MT., MAX. AMBIENT TEMP. 85°C

Section	STANCOR Number	High Voltage Secondary		Rectifier Filament		Other Filaments		Wt. Lbs.	Dimensions							
		AC Volts	DC Ma.	Volts	Amps	Volts	Amps		A	B	C	D	E	S	F	
5	4PMS-40	255-0-255	40	5.0	2	6.3 C.T.	2	1 1/2	2 3/4	2 3/8	2 1/2	2 1/8	1 3/4	—	6-32 x 3/8	
	4PMS-55	270-0-270	55	5.0	2	6.3 C.T.	2	1 3/4	2 3/4	2 3/8	2 1/8	2 1/8	1 3/4	—	6-32 x 3/8	
	4PMS-70	335-0-335	70	5.0	2	6.3 C.T.	3	1 3/4	2 3/4	2 3/8	2 1/8	2 1/8	1 3/4	—	6-32 x 3/8	
	4PMS-85	330-0-330	85	5.0	2	6.3 C.T.	3	2 1/2	2 3/4	2 3/8	2 1/8	2 1/8	1 3/4	—	6-32 x 3/8	
	4PMS-105	345-0-345	105	5.0	2	6.3 C.T.	3.5	2 1/4	2 3/4	2 3/8	2 1/8	2 1/8	1 3/4	—	6-32 x 3/8	
	4PMS-120	375-0-375	120	5.0	3	6.3 C.T.	4	3 1/4	3 1/8	2 3/8	2 1/8	2 1/8	1 5/8	—	8-32 x 3/8	
	4PMS-150	370-0-370	150	5.0	3	6.3 C.T.	4	4 1/4	3 3/8	3 7/8	2 3/8	2 1/8	2 1/8	—	8-32 x 3/8	
	4PMS-165	440-0-440	165	5.0	3	6.3 C.T.	1	7.5	6 1/2	3 1/2	3 3/8	4 3/8	3	2 3/8	—	10-32 x 1/2
	4PMS-200A	450-0-450	200	5.0	2	6.3	4	6 1/4	3 3/8	3 3/8	4 3/8	3	2 3/8	—	10-32 x 1/2	
	4PMS-300*	550-370-75-0 75-370-550	300	5.0	6	6.3 C.T.	5	7 1/2	3 1/2	3 3/8	5 1/4	3	2 3/8	—	10-32 x 1/2	
6	4PHC-165	440-0-440	165	5.0	3	6.3	7.5	6	3.667	3.292	4.305	2.625	2.375	—	10-32	
	4PHC-200A	450-0-450	200	5.0	2	6.3	4	5 3/4	3.667	3.292	4.305	2.625	2.375	—	10-32	
	4PHC-300*	550-370-75-0 75-370-550	300	5.0	6	6.3 C.T.	5	6 1/2	3.667	3.292	4.680	2.625	2.375	—	10-32	
	4PHR-300*	550-370-75-0 75-370-550	300	5.0	6	6.3 C.T.	1	6 1/2	3.667	3.292	4.680	2.625	2.375	—	10-32	

FILTER REACTORS: †MAX. ALTITUDE 70,000 FT., MAX. AMBIENT TEMP. 85°C

Section	STANCOR Number	Inductance (Hz)	Maximum DC Ma.	DC Resistance (ohms)	Insul. Test Volts RMS	Wt. Lbs.	Dimensions						
							A	B	C	D	E	S	F
7	4RMS-240	2.0	40	190	2500	1/4	1 1/4	1 1/4	1 3/4	—	—	1 1/4	6-32 x 3/8
	4RMS-255	2.0	55	160	2500	1/4	1 1/4	1 1/4	1 3/4	—	—	1 1/4	6-32 x 3/8
	4RMS-270	2.0	70	165	2500	3/4	1 5/8	1 3/8	2 3/8	1 3/8	1 3/8	—	6-32 x 3/8
	4RMS-285	2.0	85	135	2500	3/8	1 3/8	1 3/8	1 3/4	—	—	1 1/4	6-32 x 3/8
	4RMS-2120	2.0	120	100	2500	1	1 1/2	1 1/2	2 1/2	1 3/8	1 1/4	—	6-32 x 3/8
	4RMS-3120	3.0	120	150	1500	1.2	1 1/2	1 1/2	2 1/2	1 3/8	1 1/4	—	6-32 x 3/8
	4RMS-2150	2.0	150	95	2500	1	1 1/2	1 1/2	2 1/2	1 3/8	1 1/4	—	6-32 x 3/8
	4RMS-2165	2.0	165	90	2500	1	1 1/2	1 1/2	2 1/2	1 3/8	1 1/4	—	6-32 x 3/8
	4RMS-2200	2.0	200	73	2500	2	2 1/4	2 1/4	3 1/8	1 1/2	1 1/4	—	6-32 x 3/8
	4RMS-2300	2.0	300	47	2500	4	3 1/2	2 3/8	4 1/4	2 1/4	1 3/8	—	8-32 x 3/8

FILTER REACTORS: MAX. ALTITUDE 10,000 FT., MAX. AMBIENT TEMP. 85°C

8	4RH-2120	2.0	120	100	2500	1	1.901	1.791	2.424	1.312	1.062	—	6-32
	4RH-2165	2.0	165	90	2500	1 1/2	1.901	1.791	2.424	1.312	1.062	—	6-32
	4RH-2200	2.0	200	73	2500	1 3/4	2.241	2.101	2.930	1.562	1.375	—	6-32

ISOLATION: PRIMARIES 115 VOLTS, 380-1000 Hz., MAX. ALTITUDE 70,000 FT., MAX. AMBIENT TEMP. 85°C

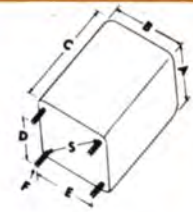
Section	STANCOR Number	Secondary		V.A.	Insul. Test Volts RMS	Wt. Lbs.	Dimensions						
		Volts	Amps				A	B	C	D	E	S	F
9	4IMS-160	115	1.39	160	1500	3.1	2 3/4	2 3/8	3 1/2	2 1/8	1 3/4	—	6-32 x 3/8

*For Reactor Input Systems. Available until stock is depleted.
ALL SECONDARY AC VOLTAGES ±3%.

Refer to note on bottom of Stancor Page 54 for availability.



FH
4FH
4PHC
4PHR
4RH



FMS
4FMS
4PMS
4RMS
4IMS

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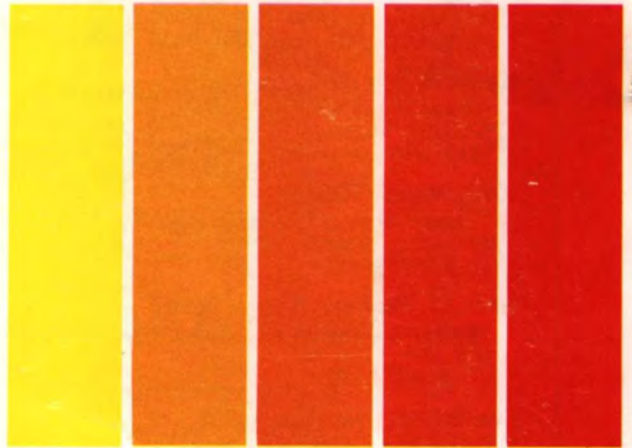
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