

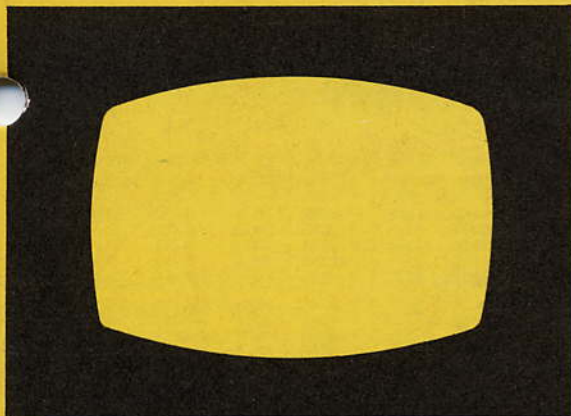
STANCOR

S-104

1958-59

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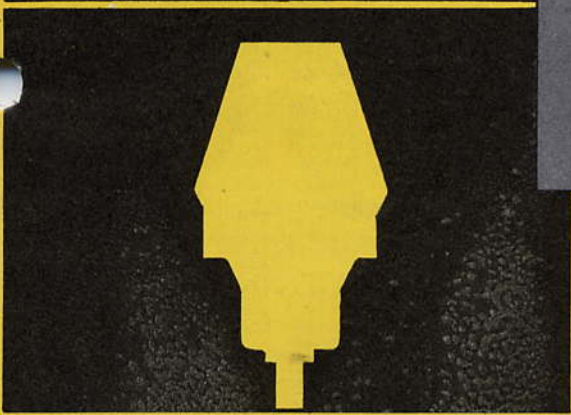
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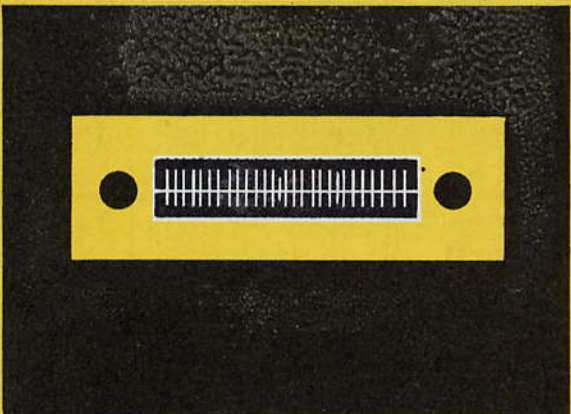
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STANCOR[®]
TRANSFORMERS



communications



radio

CHICAGO STANDARD TRANSFORMER CORPORATION

3501 WEST ADDISON • CHICAGO 18, ILLINOIS

STANCOR PART NUMBER INDEX

Stancor Page & No. Section	Stancor Page & No. Section	Stancor Page & No. Section	Stancor Page & No. Section	Stancor Page & No. Section	Stancor Page & No. Section	Stancor Page & No. Section	Stancor Page & No. Section	Stancor Page & No. Section	Stancor Page & No. Section
A-52C 7/g	•A-4430 5/e	A-8137 26	A-8291 27	DY-24A 25/c	P-4083 18/b	P-6472 22/b	P-8342 28/e	TA-10 11/b	
A-53 7/f	•A-4431 5/d	A-8138 26	A-8292 27	DY-25A 25/c	P-4086 19/a	P-6473 22/c	P-8343 28/e	TA-11 11/c	
A-53C 7/g	•A-4432 5/e	A-8139 26	A-8293 27	DY-26A 25/c	P-4088 18/b	P-6474 22/c	P-8344 28/e	TA-12 11/c	
A-62C 7/g	†A-4701 9/b	A-8140 30/d	A-8294 27	DY-27A 25/c	P-4089 19/b	P-6476 22/c	P-8345 28/c	TA-13 11/c	
A-63C 7/g	A-4702 9/a	A-8141 30/d	A-8295 27	FC-10 25/d	P-4091 19/c	P-6477 22/c	P-8346 29/b	TA-14 11/c	
A-64C 7/g	A-4703 9/b	A-8142 30/d	A-8296 27	FC-11 25/d	P-4096 19/c	P-6478 22/c	P-8347 29/b	TA-15 10/e	
A-73C 7/g	A-4705 7/d	A-8143 30/d	A-8297 27	FC-12 25/d	P-4097 19/c	P-6479 22/c	P-8348 28/e	TA-16 10/e	
A-2203 5/c	A-4706 7/d	A-8144 30/e	A-8298 27	HO-250 27	P-5000 18/b	P-6480 22/c	P-8349 28/d	TA-17 10/e	
A-2312 5/f	A-4708 7/d	A-8145 30/e	A-8299 27	HO-251 27	P-5002 19/c	P-6481 22/c	P-8350 28/d	TA-18 12/a	
A-2313 5/d	A-4709 7/e	A-8146 30/e	C-1001 21/c	HO-252 27	P-5008 19/d	P-6482 22/e	P-8351 28/e	TA-19 12/a	
A-2855 5/b	A-4711 8/b	A-8147 30/e	C-1002 21/b	HO-253 27	P-5009 19/d	P-6483 22/d	P-8352 28/b	TA-20 12/a	
A-3250 6/b	A-4713 9/a	A-8148 30/e	C-1003 8/d	HO-254 27	P-5014 19/b	P-6484 22/d	P-8353 28/a	TA-21 12/a	
A-3303 5/f	A-4719 7/g	A-8149 30/e	C-1080 22/a	HO-255 27	P-5015 19/c	P-6485 22/d	P-8354 28/a	TA-22 12/a	
A-3304 5/e	A-4722 9/a	A-8150 30/e	C-1215 22/a	HO-256 27	P-5016 19/c	P-6486 22/d	PA8421 15/a	TA-23 12/b	
A-3307 5/e	A-4723 9/a	A-8151 30/e	C-1227 22/a	HO-257 27	P-5059 14/e	P-6487 22/d	PC8301 20/e	TA-24 12/b	
A-3310 5/c	A-4742 7/d	A-8220 26	C-1277 22/a	HO-258 27	P-5062 24/a	P-6488 22/d	PC8302 20/e	TA-25 12/b	
A-3311 5/f	A-4744 8/e	A-8221 26	C-1279 22/a	HO-259 27	P-5063 24/a	P-6489 22/e	PC8303 20/e	TA-26 12/b	
A-3315 6/b	A-4745 7/g	A-8222 26	C-1325 22/a	HO-260 27	P-5064 24/a	P-6490 22/d	PC8304 20/e	TA-27 12/b	
A-3327 5/d	A-4747 7/e	A-8223 26	C-1333 22/a	HO-261 27	P-5065 24/a	P-6491 22/f	PC8305 20/e	TA-28 12/b	
A-3328 5/c	A-4748 8/e	A-8224 26	C-1355 21/b	HO-262 27	P-6001 14/d	P-6492 19/a	PC8306 20/e	TA-29 12/c	
A-3329 5/d	A-4749 8/e	A-8225 26	C-1400 21/f	HO-263 27	P-6007 14/e	P-6493 22/e	PC8401 14/a	TA-30 12/c	
A-3330 6/a	A-4752 9/a	A-8226 26	C-1401 21/f	HO-264 27	P-6008 14/e	P-6494 22/e	PC8402 14/a	TA-31 12/c	
A-3332 5/c	A-4761 9/c	A-8227 26	C-1402 21/g	HO-265 27	P-6010 15/b	P-6495 22/e	PC8403 14/a	TA-32 12/c	
A-3335 5/f	A-4762 9/c	A-8228 26	C-1403 21/g	HO-266 27	P-6011 15/b	P-6496 23/a	PC8404 14/a	TA-33 12/c	
A-3336 6/a	A-4763 9/c	A-8229 26	C-1404 21/g	HO-267 27	P-6012 15/b	•P-6497 22/e	PC8405 14/a	TA-34 12/d	
A-3337 5/c	A-4765 9/d	A-8230 26	C-1405 21/g	HO-268 27	P-6013 15/b	•P-6499 22/d	PC8406 14/b	TA-35 12/d	
A-3496 5/f	A-4770 6/b	A-8231 26	C-1410 21/g	HO-269 27	P-6014 15/b	P-8025 20/b	PC8407 14/b	TA-36 12/d	
A-3800 5/e	A-4773 8/a	A-8232 26	C-1411 21/d	HO-270 27	P-6119 15/b	P-8026 20/b	PC8408 14/b	TA-37 12/d	
A-3801 5/e	A-4774 8/a	A-8233 26	C-1412 21/d	HO-271 27	P-6123 24/c	P-8027 20/b	PC8409 14/c	TA-38 12/d	
A-3802 5/e	A-7947 6/c	A-8234 26	C-1413 21/e	HO-272 27	P-6124 24/a	P-8028 20/b	PC8410 14/c	TA-39 12/e	
A-3808 9/e	A-7949 6/c	A-8235 26	C-1414 21/e	HO-273 27	P-6125 24/c	P-8029 20/b	PC8411 14/c	TA-40 12/e	
A-3812 9/e	A-8050 13/a	A-8236 26	C-1415 21/e	HO-274 27	P-6131 22/f	P-8030 20/c	PC8412 14/c	TA-41 12/e	
A-3818 6/c	A-8051 13/a	A-8237 26	C-1420 21/b	HO-275 27	P-6133 18/b	P-8031 20/c	PC8413 14/c	TA-42 12/e	
A-3820 6/c	A-8052 13/a	A-8238 26	C-1421 21/c	HO-276 27	P-6134 19/a	P-8032 20/c	PC8414 14/c	TA-43 12/e	
A-3822 5/a	A-8053 13/a	A-8239 26	C-1515 21/b	HO-277 27	P-6135 18/b	P-8033 20/c	PC8417 15/a	TA-44 12/f	
A-3823 5/a	A-8054 13/a	A-8240 26	C-1645 21/f	HO-278 27	P-6137 19/a	P-8034 20/c	PC8418 15/a	TA-45 12/f	
A-3824 5/a	A-8056 13/a	A-8241 26	C-1646 21/d	HO-279 27	P-6138 19/c	P-8035 20/c	PC8419 15/a	TA-46 12/f	
A-3825 5/a	A-8050 13/b	A-8242 26	C-1702 21/f	HO-280 27	P-6139 19/c	P-8040 20/a	PC8420 15/a	TA-47 12/f	
A-3829 9/e	A-8061 13/b	A-8243 26	C-1703 21/d	HO-281 27	P-6141 24/a	P-8041 20/a	PC8422 14/b	•TA-48 12/h	
A-3830 5/b	A-8062 13/b	A-8244 26	C-1706 21/b	HO-282 27	P-6143 14/e	P-8042 20/a	PM8401 14/a	•TA-49 12/h	
A-3831 5/f	A-8063 13/b	A-8245 26	C-1707 21/b	HO-283 27	P-6144 19/d	†P-8043 20/a	PM8402 14/a	•TA-50 12/h	
A-3833 8/e	A-8064 13/b	A-8246 26	C-1708 21/b	HO-284 27	P-6146 23/b	†P-8044 20/a	PM8403 14/a	•TA-51 12/h	
A-3836 8/e	A-8066 13/b	A-8247 26	C-1709 21/b	HO-285 27	P-6160 24/c	P-8130 19/c	PM8404 14/a	•TC-1 12/g	
A-3837 6/d	A-8072 13/b	A-8248 26	C-1710 21/c	HO-286 27	P-6161 24/c	P-8150 23/d	PM8405 14/a	•TC-2 12/g	
A-3838 6/d	A-8090 8/e	A-8249 26	C-1718 21/c	HO-287 27	P-6166 23/a	P-8151 23/d	PM8406 14/b	TP-1 12/l	
A-3839 5/f	A-8091 8/e	A-8250 26	C-1720 21/g	HO-288 27	P-6287 24/a	P-8154 29/a	PM8407 14/b	VBO-200 29/c	
A-3841 6/b	A-8092 5/c	A-8251 26	C-1721 21/d	HO-289 27	P-6298 24/c	P-8155 28/a	PM8408 14/b	VBO-201 29/c	
A-3842 6/b	A-8093 5/f	A-8252 26	C-1722 21/e	HO-290 27	P-6299 24/a	P-8156 28/e	PM8409 14/c	VO-100 30/f	
A-3845 9/e	•A-8094 5/e	A-8253 26	C-1723 22/a	HO-291 27	P-6301 22/f	P-8157 29/b	PM8410 14/c	VO-101 30/f	
A-3848 5/a	•A-8095 6/e	A-8254 26	C-2301 8/d	HO-292 27	P-6302 19/a	P-8158 28/a	PM8411 14/c	VO-102 30/f	
A-3849 5/b	•A-8096 6/e	A-8255 26	C-2303 21/c	HO-293 27	P-6305 19/a	P-8159 28/e	PM8412 14/c	VO-103 30/f	
A-3850 5/a	•A-8097 6/e	A-8256 26	C-2304 21/c	HO-294 27	P-6308 19/b	P-8160 28/a	PM8418 15/a	VO-104 30/f	
A-3851 5/e	A-8101 6/c	A-8257 26	C-2305 21/c	HO-295 27	P-6309 19/b	P-8161 29/a	PM8419 15/a	VO-105 30/f	
A-3852 5/b	A-8102 6/f	A-8258 26	C-2307 21/g	HO-296 27	P-6315 14/e	P-8162 29/a	PM8420 15/a	VO-106 30/f	
A-3856 5/a	A-8103 6/f	A-8259 26	C-2308 21/e	HO-297 27	P-6317 21/a	P-8163 28/e	PM8422 14/b	VO-107 30/f	
A-3857 5/f	A-8104 6/d	A-8260 26	C-2309 21/c	HO-298 27	P-6318 21/a	P-8164 28/b	PS8415 15/a	VO-108 30/f	
A-3859 7/b	A-8105 6/f	A-8261 26	C-2317 10/b	HO-299 27	P-6333 19/d	P-8165 28/d	PS8416 15/a	WC-1, A 25/e	
A-3870 5/b	A-8106 7/a	A-8262 26	C-2318 21/b	•HO-300 27	P-6338 19/d	P-8166 28/c	PSU-2000 23/f	WC-2, A 25/e	
A-3871 9/e	A-8107 7/a	A-8263 26	C-2325 21/d	•HO-301 27	P-6348 14/d	P-8167 28/b	PSU-3000 23/f	WC-4, A 25/e	
A-3872 5/e	A-8108 7/a	A-8264 26	C-2326 21/d	•HO-302 27	P-6371 24/c	P-8168 28/a	PT8311 20/d	WC-5, A 25/e	
A-3876 5/c	A-8110 29/d	A-8265 26	C-2327 21/d	•HO-303 27	P-6383 24/d	P-8169 29/a	PT8312 20/d	WC-6, A 25/e	
A-3877 5/c	A-8111 29/c	A-8266 26	C-2328 21/e	•HO-304 27	P-6385 24/d	P-8170 29/b	PT8313 20/d	WC-7, A 25/e	
A-3878 5/d	A-8112 30/d	A-8267 26	C-2332-1 13	•HO-305 27	P-6387 24/d	P-8171 29/a	PT8314 20/d	WC-8, A 25/e	
A-3879 5/d	A-8113 30/d	A-8268 26	C-2334 21/e	•HO-306 27	P-6389 24/d	P-8172 28/a	PT8315 20/d	WC-9, A 25/f	
A-3880 5/b	A-8114 5/d	A-8269 26	C-2335 21/c	•HO-307 27	P-6390 24/d	P-8173 14/d	PV6441 24/b	WC-10, A 25/f	
A-3881 5/d	A-8115 30/d	A-8270 26	C-2340 10/c	•HO-308 27	P-6410 24/c	P-8174 14/d	PV6442 24/b	WC-11, A 25/f	
A-3882 6/c	A-8116 30/d	A-8271 26	C-2341 10/d	P-1834-3 19/e	P-6415 24/e	P-8175 14/d	PV6443 24/b	WC-12, A 25/f	
A-3883 6/c	A-8119 26	A-8272 26	DY-1A 25/a	P-3020 19/c	P-6425 23/e	P-8176 14/d	PV6444 24/b	WC-13, A 25/f	
A-3885 5/e	A-8120 29/d	A-8273 26	DY-2A 25/a	P-3024 18/b	P-6426 23/e	P-8177 14/d	RT-201 18/a	WC-14, A 25/f	
A-3890 5/b	A-8121 29/c	A-8274 26	DY-8A 25/a	P-3026 18/b	P-6454 18/b	P-8181 31/e	RT-202 18/a	WC-15, A 25/g	
A-3891 10/a	A-8122 29/c	A-8275 26	DY-9A 25/a	P-3060 18/b	P-6455 18/b	P-8190 19/a	RT-204 18/a	WC-16, A 25/g	
A-3892 10/a	A-8123 30/d	A-8276 26	DY-10A 25/a	P-3062 18/b	P-6456 19/b	P-8191 19/b	RT-206 18/a	WC-17, A 25/g	
A-3893 10/a	A-8124 29/c	A-8277 26	DY-11A 25/a	P-3064 19/b	P-6457 19/c	P-8192 31	RT-208 18/a	WC-18, A 25/g	
A-3894 10/a	A-8125 29/c	A-8278 27	DY-12A 25/a	P-4004 14/e	P-6458 19/c	P-8307 14/e	RT-408 18/a	WM-8 13	
A-3898 10/a	A-8126 29/c	A-8279 27	DY-13A 25/b	P-4019 19/b	P-6459 23/c	P-8331 28/c	RT-2012 18/a		
A-3899 10/a	A-8127 29/c	A-8280 27	DY-14A 25/b	P-4022 19/d	P-6461 19/c	P-8332 28/b	RT-4012 18/a		
A-4208 8/c	A-8128 26	A-8281 27	DY-15A 25/b	P-4026 18/b	P-6462 19/b	P-8333 28/b	TA-1 11/a		
A-4210 9/a	A-8129 26	A-8282 27	DY-16A 25/b	P-4047 14/d	P-6463 19/b	P-8334 28/b	TA-2 11/a		
A-4212 9/b	A-8130 26	A-8283 27	DY-17A 25/b	P-4060 22/f	P-6465 19/a	P-8335 28/b	TA-3 11/a		
A-4292 9/a	A-8131 26	A-8284 27	DY-18A 25/b	P-4061 22/f	P-6466 19/b	P-8336 28/a	TA-4 11/a		
A-4350 7/c	A-8132 26	A-8285 27	DY-19A 25/b	P-4062 22/f	P-6467 18/b	P-8337 28/c	TA-5 11/a		
A-4351 7/e	A-8133 26	A-8286 27	DY-20A 25/c	P-4063 22/f	P-6468 19/a	P-8338 28/c	TA-6 11/b		
A-4352 7/e	A-8134 26	A-8287 27	DY-21A 25/c	P-4064 22/b	P-6469 19/c	P-8339 28/c	TA-7 11/b		
A-4407 7/c	A-8135 26	A-8288 27	DY-22A 25/c	P-4065 22/b	P-6470 22/b	P-8340 28/d	TA-8 11/b		
•A-4420 7/g	A-8136 26	A-8289 27	DY-23A 25/c	P-4082 18/b	P-6471 22/b	P-8341 28/d	TA-9 11/b		

TRANSFORMER CLASSIFIED INDEX

TELEVISION TRANSFORMER APPLICATIONS

	Page No.		Page No.
Audio Outputs	31	Linearity Coils	25
Deflection Yokes	25	Picture Tube Booster	31
Filament Transformers	31	Powers	28-29
Filter Chokes	30	Television Booster	31
Focus Coils	25	Vertical Blocking Oscillator	29
Horizontal Blocking-Oscillator	29	Vertical Deflection Output	30
Horizontal Deflection Output (Flyback)	26-27	Width Controls	25
Isolation Testing Transformer	24-29		

INDUSTRIAL & COMMUNICATION APPLICATIONS

AUDIO TRANSFORMERS

Audio Chokes	8
Audio Filters	10
Band Pass Filter	10
Crystal Recorder Output	7
Driver Transformers	8
High Fidelity Output	13
Hum-Reducing	6
Intercommunicator and Transceiver	8
Line Driver	8
Line to VC Output	6
Low Pass Filter	10
Microphone or Line Input	7
Microphone, Pickup or Line to Grid Input	7
Multi-Purpose Interstage	8
Plate Modulation	9
Output	4-5-6-7-12-13-15
Poly-Pedance Driver	9
Poly-Pedance Line Driver	9
Poly-Pedance Modulation	9-10
Push-Pull Plates to Push-Pull Grids	7 & 9
Push-Pull Plates to VC Output	5
70-7 Volt Line to VC Output	6
25 Volt Line to Voice Call	6
140 Volt Line to VC Output	7
Single and/or Push-Pull Plates to Line	6
Single Plate to Single Grid	7
Single Plate to Push-Pull Grids	7-9
Single Plate to VC Output	5
Tone Control Unit	13
Transistor Audios	10-11-12
Transistor Transformer Curves	11
Universal Output	5

POWER TRANSFORMERS

Autotransformers	24
Auto Radio Vibrator	22

POWER TRANSFORMERS (Continued)

Bias Supply	21
Cathode Ray Tube Power	23
Combination Plate and Filament Supply	14-15
Condenser Tester	23
Filament Transformers, Multiple Secondary	19
Filament Transformers, Single Secondary	18-19
Isolation Testing Transformer	24-29
Isolation Transformers	29
Line Adjusting Autotransformers	24
Photoflash Transformers	23
Plate Transformers	20
"8400 series" Power	15
Selenium Rectifiers	18
Speaker Field Supply	23
Step-Down Isolation	24
Step-Up/Step-Down Autotransformers	23
Straight Isolation	24
Television Booster	31
Testing Autotransformer	24
Transistor Powers	12
Trigger Coil, Photoflash	23
Tube Checker Multi-Tapped Filament	19
Vibrator Transformers	22-23

CHOKE TRANSFORMERS

Smoothing Chokes	21-22
Swinging Chokes	21

MISCELLANEOUS TRANSFORMERS

CR Tube Booster	31
Mounting Type Descriptions	16-17
Output Transformer Chart	4
Power Transformer Cross Reference Data	15
Ultra-Linear Amplifier	13
Williamson Amplifier	13

OUTPUT TRANSFORMER CHART

A simplified selection of the proper transformer for use as a replacement in radio receivers or in the construction of audio amplifiers. To use this chart, check the first column for the tube being used, then read across for the applicable

operating characteristics and correct Stancor transformer. In most cases, two Stancor part numbers are indicated in order to give a choice of mounting styles.

Tube	Use	Class	Watts	Load Resistance in Ohms	Stancor Part Number	Tube	Use	Class	Watts	Load Resistance in Ohms	Stancor Part Number
1A5-GT	Single	A	.10	25,000	A-3327	6N6-G	Single	A	4	7,000	A-3878 A-3824
1AC5	Single	A	.05	25,000	A-3327	6N7	P.P.	B	10	8,000	A-3880
1B8-GT	Single	A	.21	14,000	A-3881 A-3848	6U6-GT	Single	A	5.5	3,000	A-3849
1C5-GT	Single	A	.24	8,000	A-3329 A-3848	6V5-GT	Single	A	4.5	5,000	A-3877 A-3824
1D8-GT	Single	A	.20	12,000	A-3879 A-3822		P.P.	AB1	10	10,000	A-3311 A-3880
1E7-G (GT)	Single	A	.29	16,000	A-3881 A-3848		Single	A	5.5	5,000	A-3877 A-3824
	P.P.	A	.575	24,000	A-3857		P.P.	AB1	10	10,000	A-3311 A-3880
1F4	Single	A	.31	16,000	A-3881 A-3848	6V6 (GT)	Single	A	3.8	5,000	A-3877 A-3849
1F5-G	Single	A	.31	16,000	A-3881 A-3848	6W6-GT	Single	A	6.0	2,600	A-3876 A-3825
1G5-G	Single	A	.55	9,000	A-3879 A-3822	6Y6-G (GT)	Single	A	6.0	2,600	A-3876 A-3825
1G6-GT	P.P.	B	.675	12,000	A-3831 A-3856	6Z7-G	P.P.	B	8.0	14,000	A-2312 A-3825
1H4-G (GT)	P.P.	B	2.1	8,000	A-3856	7A5	Single	A	1.5	2,500	A-3831 A-3849
1J5-G	Single	A	.45	13,500	A-3881 A-3848	7B5	Single	A	4.5	9,000	A-3879 A-3822
1J6-G (GT)							P.P.	AB2	19	10,000	A-2312 A-3880
(GX)	P.P.	B	2.1	10,000	A-3831 A-3856	7C5	Single	A	5.5	8,500	A-3879 A-3822
1LA4	Single	A	.1	25,000	A-3327		P.P.	A	8	10,000	A-3335 A-3823
1L84	Single	A	.2	12,000	A-3879 A-3822	12A5	Single	A	3.4	3,300	A-2203 A-3825
1N6-G (GT)	Single	A	.1	25,000	A-3327	12A6 (GT)	Single	A	3.4	7,500	A-8114 A-3822
1Q5-GT	Single	A	.27	8,000	A-3329 A-3848	12A7	Single	A	.55	13,500	A-3881 A-3848
1S4	Single	A	.27	8,000	A-3329 A-3848	12AQ5	Single	A	4.5	5,000	A-3877 A-3849
1T5-GT	Single	A	.17	14,000	A-3881 A-3848	12BK5	Single	A	3.5	6,500	A-3878 A-3849
1V5	Single	A	.05	25,000	A-3327	12CM6	Single	A1	2.0	5,500	A-3877 A-3849
1W4	Single	A	.2	12,000	A-3879 A-3822	12CM6	Single	A1	5.5	8,500	A-3849
2A3	Single	A	3.5	2,500	A-3876 A-3825	12L8-GT	Single	A	1.0	10,000	A-3879 A-3848
	P.P.	AB1	15	3,000	A-3301 A-3830	14A5	Single	A	2.8	7,500	A-8114 A-3822
	P.P.	AB2	18.5	7,000	A-3878 A-3850	14C5	Single	A	5.5	8,500	A-2313 A-3849
2A5	Single	A	4.8	10,000	A-3311 A-3830		P.P.	AB	14	8,000	A-3880
	P.P.	AB2	18.5	10,000	A-3311 A-3830	19	P.P.	B	2.1	10,000	A-3335 A-3880
3A4	Single	A	.7	8,000	A-8114 A-3822	19AQ5	Single	A	4.5	5,000	A-3877 A-3849
3B5-GT	Single	A	.2	5,000	A-3878 A-3856	25A6 (GT)	Single	A	2.2	5,000	A-3877 A-3849
3C5-GT	Single	A	.26	8,000	A-3329 A-3848	25A7-GT	Single	A	.77	4,500	A-3877 A-3825
3C5-GT	Single	A	.26	10,000	A-3879 A-3848	25AC5-GT	P.P.	B	6	4,800	A-3872 A-3823
3D6	Single	A	.6	14,000	A-3881 A-3848		Single	A	2	2,000	A-3332 A-3825
3E5	Single	A	.25	8,000	A-3329 A-3848	25B5	Single	A	3.8	4,000	A-2203 A-3825
3LE4	Single	A	.325	6,000	A-3878 A-3848	25B6-G	Single	A	7.1	2,500	A-3876 A-3849
3LF4	Single	A	.4	8,000	A-3329 A-3848	25BK5	Single	A	3.5	6,500	A-3878 A-3849
3Q4	Single	A	.27	10,000	A-3879 A-3822	25C6-G	Single	A	6.0	2,600	A-3876 A-3849
3Q5-GT	Single	A	.4	8,000	A-3329 A-3822	25L6 (GT)	Single	A	2.1	2,000	A-3876 A-3849
3S4	Single	A	.18	5,000	A-3877 A-3856	25L6 (GT)	Single	A	4.3	3,000	A-3823
3S4	Single	A	.27	8,000	A-3329 A-3848	25N6-G	Single	A	3.8	4,000	A-2203 A-3823
3V4	Single	A	.27	10,000	A-3879 A-3822	26A7-GT	Single	A	.18	1,500	A-3865 A-3825
4A6-G	Single	B	1.0	8,000	A-3856	28D7	Single	A	.1	4,000	A-3328 A-3848
5AQ5	Single	A	2.0	5,500	A-3877 A-3849	32L7-GT	Single	A	1	2,600	A-3332 A-3822
5AQ5	Single	A	4.5	5,000	A-3877 A-3849	35A5	Single	A	1.5	2,500	A-3332 A-3856
6A3	Single	A	3.2	2,500	A-3876 A-3825	35A5	Single	A	3	5,000	A-3877 A-3849
	P.P.	AB1	15	3,000	A-3301 A-3830	35B5	Single	A	1.5	2,500	A-3332 A-3825
6A4/LA	Single	A	1.4	8,000	A-8114 A-3822	35C5	Single	A	1.5	2,500	A-3332 A-3849
6A5-G	Single	A	3.75	2,500	A-3876 A-3825	35L6-GT	Single	A	1.5	2,500	A-3332 A-3856
	P.P.	A	15	3,000	A-3301 A-3830	35L6-GT	Single	A	3	5,000	A-3877 A-3849
6A6	Single	B	10	8,000	A-3329 A-3822	38	Single	A	2.5	10,000	A-3879 A-3849
6A8B	Single	A	1.4	11,000	A-3879	41	Single	A	4.5	9,000	A-3879 A-3822
6AC5-GT	P.P.	B	8	10,000	A-3335 A-3823	42	P.P.	A	10.5	12,000	A-2312 A-3880
6AC6-GT	Single	A	3.6	3,500	A-2203 A-3825	42	Single	A	4.8	7,000	A-3878 A-3849
6AD7-G	Single	A	3.2	7,000	A-2313 A-3822	42	P.P.	A	18.5	10,000	A-3311 A-3830
6AE7-GT	P.P.	A	9.5	10,000	A-2312 A-3880	43	Single	A	2.2	5,000	A-3877 A-3856
6AG7	Single	A	3	10,000	A-3879 A-3822	45	Single	A	2	4,600	A-3877 A-3849
6AK6	Single	A	1.1	10,000	A-3879 A-3822		P.P.	AB2	18	3,200	A-3301 A-3830
6AK7	Single	A	3	10,000	A-3879 A-3822	46	P.P.	B	20.0	5,800	A-3307 A-3830
6AL6-G	Single	A	6.5	2,500	A-3876 A-3825	47	Single	A	2.7	7,000	A-3877 A-3849
6AM5	Single	A	1.4	16,000	A-3881 A-3848	50A5	Single	A	2.1	2,000	A-3876 A-3856
	P.P.	AB1	4.8	20,000	A-3857 A-3856	50A5	Single	A	3.8	4,000	A-2203 A-3825
6AN5	Single	A	1.3	2,500	A-3332 A-3825	50B5	Single	A	1.9	2,500	A-3332 A-3825
6AQ5-W	Single	A	4.5	5,000	A-3877 A-3849	50C5	Single	A	1.9	2,500	A-3332 A-3825
6AR5	Single	A	3.4	7,600	A-8114 A-3822	50C6-G	Single	A	3.6	2,000	A-3876 A-3825
6AS5	Single	A	2.2	4,500	A-3877 A-3849	50L6-GT	Single	A	2.1	2,000	A-3876 A-3856
6BA-G	Single	A	3.2	2,500	A-3876 A-3825	50L6-GT	Single	A	3.8	4,000	A-2203 A-3825
	P.P.	AB	15	3,000	A-3301 A-3830	59	Single	A	3.0	6,000	A-2313 A-3849
6B5	Single	A	4	7,000	A-2313 A-3823		P.P.	B	20.0	6,000	A-3307 A-3830
6BF5	Single	A	1.9	2,500	A-3332 A-3825	70A7-GT	Single	A	1.5	2,500	A-3332 A-3825
6BJ5	Single	A	4.0	7,000	A-3878 A-3849	70L7-GT	Single	A	1.8	2,000	A-3332 A-3825
6BK5	Single	A	3.5	6,500	A-3878 A-3849	79	P.P.	B	8.0	14,000	A-2312 A-3880
6BM5	Single	A	3.5	7,000	A-3878 A-3849	89	Single	A	3.4	6,750	A-3878 A-3823
6B55	Single	A	4.5	5,000	A-3877 A-3849	117L7/M7-GT	Single	A	.85	4,000	A-2203 A-3825
6BW6	Single	A	4.5	5,000	A-3877 A-3823	117N7-GT	Single	A	1.2	3,000	A-3332 A-3825
6BW6	Single	A	5.5	8,500	A-3879 A-3849	117P7-GT	Single	A	.85	4,000	A-2203 A-3825
6CA5	Single	A1	1.5	9,200	A-3879 A-3849	807	P.P.	A*	8.0	10,000	A-8054
6E6	P.P.	A	1.6	14,000	A-3496 A-3856		P.P.	A#	25.0	7,600	A-8072
6F6 (GT)	Single	A	4.8	7,000	A-3878 A-3822	1614	P.P.	A*	10.0	10,000	A-8054
	P.P.	AB	18.5	10,000	A-3311 A-3870		P.P.	AB1	26.5	6,600	A-8056
6G6-G	Single	A	1.1	10,000	A-3879 A-3822	5640	Single	A	1.25	3,000	A-3327 A-3825
6K6-GT	Single	A	4.5	9,000	A-3879 A-3822	5672	Single	A	.065	20,000	A-3879 A-3822
	P.P.	A	10.5	12,000	A-2312 A-3880	5686	Single	A	2.7	1,700	A-3865 A-3825
6L6(G) (GA)	Single	A	6.5	2,500	A-3876 A-3825	5824	Single	A	4.3	8,500	A-3879 A-3822
6L6 (G) (GA)	Single	A	10.8	4,200	A-2203 A-3849	5871	Single	A	5.5	8,500	A-3879 A-3822
	P.P.	A	17.5	5,000	A-3872 A-3830	5881	P.P.	A*	8.0	10,000	A-8054
	P.P.	AB1	26.5	6,600	A-3801 A-3830		P.P.	A#	25.0	7,600	A-8072
	P.P.	AB1	18	3,800	A-3802 A-3830	5902	Single	A	1	3,000	A-3328 A-3825
	P.P.	AB2	31	6,000	A-3307	6146	P.P.	A*	18.0	10,000	A-8054
	P.P.	AB2	47	3,800	A-3802	6550	P.P.	A	55.0	3,500	A-8052
6M5	Single	A	3.9	7,000	A-3878 A-3824	KT66	P.P.	A*	10.0	10,000	A-8054
	P.P.	AB1	9.4	7,000	A-3801 A-3880						

*Triode Connected (Williamson Circuit).

#Ultra Linear (Williamson Circuit).

UNIVERSAL OUTPUT

	Part No.	Application	Max. Pri. D.C.	Audio Watts	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. in Lbs.	
a	A-3856	Single or P. P. Plates (4,000 to 14,000 Ω) to V. C.	35 ma	4	Q	1 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{3}{8}$	2	0.4	a
	A-3822 ¶	Single Plate (7,000 to 10,000 Ω) to V. C.	35 ma	4	Q	1 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{3}{8}$	2	0.4	
	A-3848 §	Single Plate (7,000 to 16,000 Ω) to V. C.	10 ma	5	Q	1 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{3}{8}$	2	0.4	
	A-3823	Single or P. P. Plates (4,000 to 14,000 Ω) to V. C.	40 ma	8	Q	1 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{1}{2}$	2 $\frac{3}{8}$	0.7	
	A-3850	Single or P. P. Plates (4,000 to 14,000 Ω) to V. C.	40 ma	8	J	2	2 $\frac{3}{8}$ x 1 $\frac{1}{2}$	2	0.7	
	A-3825 §	Single Plate (1,500 to 4,500 Ω) to V. C.	75 ma	8	Q	2	3 $\frac{1}{4}$ x 1 $\frac{3}{8}$	2 $\frac{13}{16}$	0.9	
A-3824 §	Single or P. P. Plates (6,000 to 10,000 Ω) to V. C.	75 ma	8	Q	2	3 $\frac{1}{4}$ x 2	2 $\frac{13}{16}$	1.4		
b	A-3849	Single Plate (1,500 to 10,000 Ω) to V. C.	55 ma	10	Q	1 $\frac{3}{8}$	2 $\frac{7}{8}$ x 1 $\frac{1}{2}$	2 $\frac{3}{8}$	0.7	b
	A-3880	P. P. Plates (4,000 to 14,000 Ω) to V. C.	40 ma ea. ½	15	Q	2 $\frac{1}{4}$	3 $\frac{3}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$	1.7	
	A-2855	P. P. Plates (4,000 to 14,000 Ω) to V. C.	50 ma ea. ½	15	L	2 $\frac{1}{16}$	2 $\frac{3}{16}$ x 1 $\frac{3}{4}$	1 $\frac{3}{16}$ x 1 $\frac{1}{2}$	1.0	
	A-3890	P. P. Plates (4,000 to 14,000 Ω) to V. C.	50 ma ea. ½	15	TD	2 $\frac{11}{16}$	2 $\frac{3}{4}$ x 2 $\frac{3}{16}$	2 $\frac{3}{8}$ x 1 $\frac{1}{2}$	1.5	
	A-3852	P. P. Plates (4,000 to 14,000 Ω) to V. C.	40 ma ea. ½	18	J	2 $\frac{3}{16}$	2 $\frac{7}{8}$ x 2	2 $\frac{3}{8}$	1.3	
	A-3870	P. P. Plates (4,000 to 14,000 Ω) to V. C.	50 ma ea. ½	18	Q	2	3 $\frac{1}{4}$ x 2	2 $\frac{13}{16}$	1.3	
	A-3830	P. P. Plates (3,000 to 10,000 Ω) to V. C.	60 ma ea. ½	20	J	2 $\frac{11}{16}$	3 $\frac{3}{8}$ x 2 $\frac{1}{4}$	2 $\frac{13}{16}$	1.8	

¶Secondary impedance 0.7, 1, 1.4, 2, 2.8, 4 ohms.

§Secondary impedance 1, 2, 4 ohms.

SINGLE PLATE TO VOICE COIL

	Part No.	Application	Max. Pri. D.C.	Audio Watts	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. in Lbs.	
c	A-3332	2,000 Ω to 3.2 Ω	50 ma	3	A	1 $\frac{3}{16}$	2 $\frac{1}{8}$ x 1	1 $\frac{3}{4}$	0.4	c
	A-3876	2,000 Ω to 4 Ω	60 ma	5	A	1 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{3}{8}$	2	0.4	
	A-3328	4,000 Ω to 3.5 Ω	10 ma	3	A	1 $\frac{3}{16}$	2 $\frac{1}{8}$ x 1	1 $\frac{3}{4}$	0.4	
	A-2203	4,000 Ω to 8 Ω	40 ma	5	A	1 $\frac{5}{8}$	2 $\frac{7}{8}$ x 1 $\frac{5}{8}$	2 $\frac{3}{8}$	0.7	
	A-3877	5,000 Ω to 4 Ω	40 ma	5	A	1 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{3}{8}$	2	0.4	
	A-8092	5,000 Ω to 3-4 Ω	50 ma	8	A	1 $\frac{1}{2}$	1 $\frac{1}{2}$ x 2 $\frac{7}{8}$	2 $\frac{3}{8}$	0.5	
	A-3337	5,000 Ω to 6-8 Ω	40 ma	10	S	2 $\frac{3}{16}$	2 $\frac{15}{16}$ x 1 $\frac{3}{4}$	2 $\frac{3}{8}$	1.0	
	A-3310	5,000 Ω to 500/15/8/4 Ω	55 ma	20	C	3 $\frac{3}{16}$	2 $\frac{5}{8}$ x 2 $\frac{5}{8}$	2 x 1 $\frac{11}{16}$	2.5	
	d	*A-4431	6,000 Ω to 3-4 Ω	35 ma	5	A2	1 $\frac{3}{8}$	1 $\frac{15}{16}$ x 1 $\frac{3}{8}$	1 $\frac{15}{16}$ x $\frac{5}{8}$	
A-3878		7,000 Ω to 4 Ω	30 ma	5	A	1 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{3}{8}$	2	0.4	
A-2313		7,000 Ω to 8 Ω	40 ma	10	A	2	3 $\frac{1}{4}$ x 1 $\frac{3}{4}$	2 $\frac{13}{16}$	1.0	
A-8114		7,600 Ω to 3.2 Ω	32 ma	5	A	1 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{3}{8}$	2	0.4	
A-3329		8,000 Ω to 3.5 Ω	10 ma	3	A	1 $\frac{3}{16}$	2 $\frac{1}{8}$ x 1	1 $\frac{3}{4}$	0.4	
A-3879		10,000 Ω to 4 Ω	30 ma	5	A	1 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{3}{8}$	2	0.4	
A-3881		15,000 Ω to 4 Ω	10 ma	5	A	1 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{3}{8}$	2	0.4	
A-3327		25,000 Ω to 4 Ω	5 ma	5	A	1 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{3}{8}$	2	0.4	

PUSH-PULL PLATES TO COIL

	Part No.	Application	Max. Pri. D.C.	Audio Watts	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. in Lbs.	
e	A-3802	3,800/3,300 Ω CT to 500/250/8/4 Ω	125 ma	75	C	4 $\frac{3}{4}$	4 x 3 $\frac{3}{8}$	2 $\frac{13}{16}$ x 3	7.9	e
	*A-8094	4,000 Ω CT to 8/16/32 Ω	80 ma	7 $\frac{1}{2}$	A	2 $\frac{1}{2}$	2 $\frac{1}{4}$ x 3 $\frac{3}{8}$	3 $\frac{1}{16}$	1.5	
	A-3851 §	4,400 Ω CT to 500/250/15/8/4 Ω	70 ma	30	C	3 $\frac{5}{8}$	3 x 3 $\frac{3}{8}$	2 $\frac{1}{4}$ x 2	3.6	
	A-3872	5,000 Ω CT to 15/8/4 Ω	75 ma	18	TD	2 $\frac{11}{16}$	2 $\frac{3}{4}$ x 2 $\frac{3}{16}$	2 $\frac{3}{8}$ x 1 $\frac{1}{2}$	1.7	
	A-3800	5,000 Ω CT to 500/250/15/8/4 Ω	80 ma	30	C	3 $\frac{5}{8}$	3 x 3 $\frac{3}{8}$	2 $\frac{1}{4}$ x 2	3.7	
	A-3307	6,000 Ω CT to 500/15/8/4 Ω	100 ma	30	C	3 $\frac{3}{8}$	3 x 3 $\frac{1}{2}$	2 $\frac{1}{4}$ x 2	3.5	
	A-3801	6,600 Ω CT to 500/250/15/8/4 Ω	150 ma	35	C	4	3 $\frac{1}{4}$ x 3 $\frac{3}{8}$	2 $\frac{1}{2}$ x 2 $\frac{3}{16}$	4.8	
	*A-4430	9,000 Ω CT to 3.2 Ω	40 ma	5	A2	1 $\frac{11}{16}$	2 $\frac{3}{8}$ x 1 $\frac{3}{8}$	1 $\frac{13}{16}$ x 1 $\frac{11}{16}$	1.0	
	A-3885	9,000 Ω CT to 500/250/15/8/4 Ω	150 ma	35	C	4	3 $\frac{1}{4}$ x 3 $\frac{3}{8}$	2 $\frac{1}{2}$ x 2 $\frac{3}{16}$	4.8	
	*A-4432	10,000 Ω CT to 4 Ω	50 ma	10	S2	2 $\frac{3}{8}$	2 x 1 $\frac{3}{8}$	1 $\frac{13}{16}$ x $\frac{5}{8}$	1.0	
	A-3304	10,000/7,000 Ω CT to 500/15/8/4 Ω	60 ma	25	C	3 $\frac{3}{16}$	2 $\frac{3}{8}$ x 2 $\frac{5}{8}$	2 x 1 $\frac{11}{16}$	2.7	
	f	A-3311	10,000 Ω CT to 500/15/8/4 Ω	70 ma	25	C	3 $\frac{3}{16}$	3 x 3 $\frac{1}{8}$	2 $\frac{1}{4}$ x 2	
A-3831		10,000 Ω CT to 8/4/2 Ω	40 ma	5	A	1 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{1}{2}$	2 $\frac{3}{8}$	0.7	
A-8093		10,000 Ω CT to 3-4 Ω	40 ma	10	A	1 $\frac{1}{2}$	1 $\frac{1}{2}$ x 2 $\frac{7}{8}$	2 $\frac{3}{8}$	0.5	
A-3335		10,000 Ω CT to 6-8/3.2-4 Ω	40 ma	10	S	2 $\frac{3}{16}$	2 $\frac{15}{16}$ x 1 $\frac{3}{4}$	2 $\frac{3}{8}$	1.0	
A-3839		10,000 Ω CT to 2,000 and 15/8/4 Ω	30 ma	10	TD	2 $\frac{11}{16}$	2 $\frac{3}{4}$ x 2 $\frac{3}{16}$	2 $\frac{3}{8}$ x 1 $\frac{1}{2}$	1.3	
A-2312		14,000 Ω CT to 4 Ω	40 ma	10	A	2 $\frac{3}{16}$	2 $\frac{15}{16}$ x 1 $\frac{3}{4}$	2 $\frac{3}{8}$	1.0	
A-3496		14,000 Ω CT to 4 Ω	25 ma	5	A	1 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{3}{8}$	2	0.4	
A-3303		14,000 Ω CT to 500/15/8/4 Ω	55 ma	20	C	3 $\frac{3}{16}$	2 $\frac{3}{8}$ x 2 $\frac{3}{8}$	2 x 1 $\frac{11}{16}$	2.7	
A-3857	25,000 Ω CT to 4 Ω	10 ma	5	A	1 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{3}{8}$	2	0.4		

§Unit has a tertiary winding to provide 10% inverse feedback.

*New Part Number

HUM-REDUCING TRANSFORMERS

Part No.	Application	Max. Pri. D.C.	Audio Watts	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. in Lbs.
a A-3330	†2,000 Ω to 3.5 Ω	60 ma	5	A	1 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{3}{8}$	2	0.4
A-3336	#2,500 Ω to 3.5 Ω	50 ma	5	A	1 $\frac{3}{8}$	2 $\frac{7}{8}$ x 1 $\frac{3}{8}$	2	0.4

†Has 4.5% primary tap. #Has 3% and 6% primary taps.

SINGLE AND/OR PUSH-PULL PLATES TO LINE

Part No.	Application	Impedance in Ohms	Max. Pri. D.C.	Audio Watts	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.
b A-3841	Single Plate to Line	Pri—7,000/6,000/5,000/4,000/ 2,500 Sec—500	60 ma	10	J	2 $\frac{11}{16}$	3 $\frac{3}{8}$ x 2 $\frac{1}{4}$	2 $\frac{13}{16}$	1.5
A-3842	P. P. Plates to Line	Pri—14,000/12,000/10,000/ 8,000 CT Sec—500	55 ma	10	J	2 $\frac{11}{16}$	3 $\frac{3}{8}$ x 2 $\frac{1}{4}$	2 $\frac{13}{16}$	1.7
A-4770	Single Plate to Line	Pri—7,000/6,000/5,000/4,000/ 2,500 Sec—500	60 ma	20	J	3 $\frac{1}{8}$	3 $\frac{3}{8}$ x 2 $\frac{1}{4}$	3 $\frac{1}{8}$	2.4
b A-3250	Single Plate or P. P. Plates to Line	Pri—20,000/10,000/5,000 Pri—20,000 CT Sec—500/333/200/125/50	15 ma	—	Q	2	3 $\frac{1}{4}$ x 1 $\frac{3}{4}$	2 $\frac{13}{16}$	1.0
A-3315	Single Plate or P. P. Plates to Line	Pri—20,000/10,000/5,000 Pri—20,000 CT Sec—500/333/200/125/50	35 ma	—	D	3 $\frac{3}{8}$	2 $\frac{5}{8}$ x 2 $\frac{5}{8}$	2 x 1 $\frac{11}{16}$	2.7

LINE TO VOICE COIL

Part No.	Impedance in Ohms	Audio Watts	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.
c A-8101	Pri—500 Sec—6-8/3.2	5	Q	1 $\frac{1}{8}$	2 $\frac{3}{8}$ x 1 $\frac{3}{8}$	2	0.4
A-3883	Pri—500 Sec—15/8/6/4	25	J	2 $\frac{5}{8}$	2 $\frac{7}{8}$ x 1 $\frac{3}{4}$	2 $\frac{3}{8}$	1.1
A-3882	Pri—500/333/250 Sec—15/8/4	25	D	3 $\frac{1}{8}$	2 $\frac{3}{8}$ x 3 $\frac{1}{2}$	2 x 1 $\frac{11}{16}$	2.4
A-3818	Pri—1,500/1,000/500 Sec—15/8/4	25	J	3 $\frac{1}{8}$	3 $\frac{3}{8}$ x 2 $\frac{1}{4}$	3 $\frac{1}{8}$	2.2
A-7947	Pri—2,000/1,500/1,000/500 Sec—6-8/3.2	8	Q	1 $\frac{1}{8}$	2 $\frac{13}{16}$ x 1 $\frac{3}{8}$	2 $\frac{3}{8}$	0.7
A-7949	Pri—2,000/1,500/1,000/500 Sec—6-8/3.2	12	J	2 $\frac{5}{8}$	2 $\frac{7}{8}$ x 1 $\frac{13}{16}$	2 $\frac{3}{8}$	1.1
A-3820	Pri—2,000/1,500/1,000/500 Sec—15/8/4	40	D	4 $\frac{5}{8}$	3 $\frac{5}{8}$ x 4 $\frac{1}{2}$	2 $\frac{3}{4}$ x 2 $\frac{3}{8}$	5.0
A-8104	Sec—16/8/4	10	J	2 $\frac{5}{8}$	2 $\frac{13}{16}$ x 1 $\frac{3}{4}$	2 $\frac{3}{8}$	1.5
d A-3838	Pri—500 Sec—250/166/125/100/84 This auto transformer is designed to operate one or more speakers in series across a 500 ohm line or to match unequal lines.	30	BV	3 $\frac{1}{8}$	2 $\frac{1}{2}$ x 2 $\frac{1}{4}$	2 x 2	2.3
A-3837#	Pri—500/1,000/1,500/2,000/2,500/3,000 Sec—.06 to 8 ohms when primary is 500 ohms, .12 to 16 ohms when primary is 1,000 ohms, etc. This unit is designed to operate one or more speakers in parallel across a 500 ohm line.	15	J	2 $\frac{5}{8}$	2 $\frac{7}{8}$ x 2	2 $\frac{3}{8}$	1.4

#Line to Line or V.C.

25 VOLT LINE TO VOICE COIL

Part No.	Power Steps In Watts	Impedance in Ohms	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.
e A-8095	5/2.5/1.25 .62/.31	Pri—125/250/500/1000/2000 Sec—4/8	Q	1 $\frac{1}{8}$	2 $\frac{3}{8}$ x 1 $\frac{3}{8}$	2	0.4
A-8096	8/4/2/1/0.5	Pri—78/156/312.5/625/1250 Sec—4/8/16	J	2	1 $\frac{1}{8}$ x 2 $\frac{7}{8}$	2	0.65
A-8097	16/8/4/2/1/0.5	Pri—39/78/156/312.5/625/1250 Sec—4/8/16	J	2 $\frac{3}{4}$	2 $\frac{1}{4}$ x 3 $\frac{1}{4}$	2 $\frac{13}{16}$	1.6

*New Part Number.

70.7 VOLT LINE TO VOICE COIL

Part No.	Power Steps In Watts	Impedance in Ohms	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.
f A-8102	8/4/2/1/0.5	Pri—625/1,250/2,500/5,000/10,000 Sec—4/8/16	J	2	1 $\frac{5}{8}$ x 2 $\frac{7}{8}$	2	0.7
A-8103	16/8/4/2/1/0.5	Pri—312.5/625/1,250/2,500/5,000/10,000 Sec—4/8/16	J	2 $\frac{3}{4}$	2 $\frac{1}{4}$ x 3 $\frac{1}{4}$	2 $\frac{13}{16}$	1.5
A-8105	5/2.5/1.25/ .62/.31	Pri—1,000/2,000/4,000/8,000/16,000 Sec—4/8	Q	1 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{3}{8}$	2	.4

140 VOLT LINE TO VOICE COIL

	Part No.	Power Steps In Watts	Impedance in Ohms	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.	
a	A-8108	5.0/2.5 1.25/0.625	Pri—4,000/8,000/16,000/32,000 Sec—4/8	Q	1 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{3}{8}$	2	0.4	a
	A-8106	8/4/2/1	Pri—2,500/5,000/10,000/20,000 Sec—4/8/16	J	2	1 $\frac{3}{8}$ x 2 $\frac{3}{8}$	2	0.7	
	A-8107	16/8/4/2/1	Pri—1,250/2,500/5,000/10,000/20,000 Sec—4/8/16	J	2	3 $\frac{3}{8}$ x 2	2 $\frac{1}{2}$	1.8	

CRYSTAL RECORDER OUTPUT

	Part No.	Application	Max. Pri. D.C.	Audio Watts	Core Size	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.	
b	A-3859	Push-pull 10,000 Ω plates to 70,000 Ω crystal cutter OR 4 Ω voice coil	30 ma ea. $\frac{1}{2}$	5	$\frac{3}{4}$ x $\frac{3}{4}$	A	2	3 $\frac{1}{4}$ x 1 $\frac{3}{4}$	2 $\frac{1}{2}$	1.0	b

MICROPHONE OR LINE TO LINE

	Part No.	Impedance in Ohms	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.	
c	A-4350#	Pri—500/333/200/125/50, Sec—500/333/200/125/50	Q	2	3 $\frac{1}{4}$ x 1 $\frac{3}{4}$	2 $\frac{1}{2}$	1.0	c
	A-4407#†	Pri—500/333/200/125/50, Sec—500/333/200/125/50	D	3 $\frac{3}{8}$	2 $\frac{5}{8}$ x 3 $\frac{1}{4}$	2 x 1 $\frac{1}{2}$	2.4	

†Has a static shield between primary and secondary windings.

MICROPHONE, PICKUP OR LINE TO GRID

	Part No.	Application	Impedance in Ohms	Turns Ratio	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.	
d	A-4705	S. B. Mic to S. Grid	Pri—200/70 Sec—80,000	1:20	A	1 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{3}{8}$	2	0.4	d
	A-4706	S. B. Mic to S. Grid	Pri—100 Sec—60,000	1:24.5	A	1 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{1}{2}$	2	0.5	
	A-4708	D. B. Mic to S. Grid	Pri—200 CT Sec—57,000	1:17	J	2	2 $\frac{3}{8}$ x 1 $\frac{3}{8}$	2	0.7	
	A-4742	S. B. Mic to P. P. Grids	Pri—100 Sec—400,000 CT	1:64	S	2 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{3}{4}$	2 $\frac{3}{8}$	1.2	
e	A-4747	S. B. Mic or Low Imp. Line to S. Grid	Pri—70 Sec—1,300,000	1:137	VE	1 $\frac{1}{8}$	1 $\frac{1}{8}$ x 1 $\frac{1}{4}$	1 $\frac{1}{2}$	0.5	e
	A-4351#	Mic or Line to S. Grid	Pri—500/333/200/125/50 Sec—89,000	1:13.3	TD	2 $\frac{1}{8}$	2 $\frac{3}{4}$ x 2 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{1}{2}$	1.4	
	A-4352#	Mic or Line to P. P. Grids	Pri—500/333/200/125/50 Sec—89,000	1:13.3	Q	2	3 $\frac{1}{4}$ x 1 $\frac{3}{4}$	2 $\frac{1}{2}$	1.0	
	A-4709	Dynamic Mic or Pickup to S. Grid	Pri—30/15/8/4 Sec—106,000	1:60	TD	2 $\frac{1}{8}$	2 $\frac{3}{4}$ x 2 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{1}{2}$	1.7	

#Has a dual primary—when properly connected the 500 and 200 ohm sections are center tapped.

SINGLE PLATE TO SINGLE GRID

For 7,000-20,000 Ohm Plate Impedances

	Part No.	Turns Ratio	Core	Max. Pri. D.C.	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.	
f	A-53	1:3	$\frac{1}{2}$ x $\frac{1}{2}$	10 ma	A	1 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{1}{2}$	2	0.5	f

SINGLE PLATE TO PUSH-PULL GRIDS

For 7,000-15,000 Ohm Plate Impedances

	Part No.	Turns Ratio	Core	Max. Pri. D.C.	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.		
g	A-52-C	1:2	$\frac{1}{2}$ x $\frac{1}{2}$	10 ma	A	1 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{3}{8}$	2	0.4	g	
	A-62-C	1:2	$\frac{3}{8}$ x $\frac{3}{8}$	10 ma	A	1 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{1}{2}$	2 $\frac{3}{8}$	0.7		
	A-4745	1:2	$\frac{3}{4}$ x 1	10 ma	TD	2 $\frac{1}{8}$	2 $\frac{3}{4}$ x 3 $\frac{1}{8}$	2 $\frac{3}{8}$ x 1 $\frac{1}{2}$	1.7		
	A-53-C	1:3	$\frac{1}{2}$ x $\frac{1}{2}$	10 ma	A	1 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{3}{8}$	2	0.5		
	A-63-C	1:3	$\frac{3}{8}$ x $\frac{3}{8}$	10 ma	A	1 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{1}{2}$	2 $\frac{3}{8}$	0.7		
	A-73-C	1:3	$\frac{3}{4}$ x $\frac{3}{4}$	10 ma	A	2	3 $\frac{1}{4}$ x 1 $\frac{3}{4}$	2 $\frac{1}{2}$	1.0		
	A-4719	1:3	$\frac{3}{4}$ x 1	10 ma	TD	2 $\frac{1}{8}$	2 $\frac{3}{4}$ x 2 $\frac{3}{8}$	2 $\frac{3}{8}$ x 1 $\frac{1}{2}$	1.7		
	A-64-C	1:4	$\frac{5}{8}$ x $\frac{5}{8}$	10 ma	S	2	2 $\frac{3}{8}$ x 1 $\frac{3}{4}$	2	0.7		
	*A-4420	18,000 Ω Plate to P. P. Grids Exact replacement for Delco 6061				S2	1 $\frac{3}{8}$	1 $\frac{1}{8}$ x 1 $\frac{1}{4}$	1 $\frac{1}{8}$ x $\frac{3}{8}$		0.5

Recommended for use in super-regenerative circuits. Has a static shield between pri. and sec. windings.

*New Part Number.

MULTI-PURPOSE INTERSTAGE—SPLIT SECONDARIES

May be used as single plate to single grid, single plate to push-pull grid, or push-pull plate to push-pull grid interstage transformers. Overall ratios are 1:3, but primaries are center-tapped

and secondaries have split windings, providing ratios of 1:1, 3:1 and 6:1 in either step-up or step-down applications.

	Part No.	Turns Ratio	Core	Max. Pri. D.C.	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.	
a	A-4774	1:3	¾ x ¾	10 ma	S	2½	2⅞ x 1¾	2¾	1.2	a
	A-4773	1:3	¾ x 1	10 ma	TD	2½	2¾ x 2¾	2¾	1.7	

PUSH-PULL PLATES TO PUSH-PULL GRIDS

For 7,000-15,000 Ohm Plate Impedances

	Part No.	Turns Ratio	Core	Max. Pri. D.C.	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.	
b	A-4711	1:1	⅝ x ⅝	10 ma	A	1½	2⅞ x 1½	2¾	0.7	b

PUSH-PULL PLATES TO PARALLEL OR PUSH-PULL GRIDS

For 7,000-20,000 Ohm Plate Impedances

	Part No.	Turns Ratio	Core	Max. Pri. D.C.	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.	
c	A-4208	1:1.4	1 x 1	15 ma	C	3¾	2⅞ x 2⅞	2 x 1½	2.5	c

AUDIO CHOKES

Audio reactors are rated at 2 volts, 200 cycles, with maximum D.C. in windings. Tolerance of

minus 15%, plus 50% is maintained on all ratings.

	Part No.	Rated Inductance	Max. D.C.	D.C. Res. in Ohms	Test Volts	Core	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.	
d	C-1003	16 hy at 50 ma	50 ma	580	1500	¾ x ¾	A	2	3¼ x 1¾	2½	1.1	d
	C-2301	135 hy at 5 ma	10 ma	6500	1500	¾ x 1	TD	2½	2¾ x 2¾	2¾ x 1½	1.7	

INTERCOMMUNICATOR AND TRANSCEIVER

	Part No.	Application	Impedance In Ohms	Max. Watts	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.	
	A-4744	Intercom. input	Pri—4 Sec—25,000	—	VE	1¾	2⅞ x 1½	2	0.5	
	A-4748	Intercom. input	Pri—45 or 50 Sec—50,000	—	A	1¾	2⅞ x 1¼	1¾	0.4	
	A-8090	Line to Voice Coil	Pri—45-50 Sec—3-4, 6-8	3	Q	1¾	2⅞ x 1½	2	0.5	
	A-8091	Line to Voice Coil	Pri—45-50 Sec—3-4, 6-8	8	Q	1¾	2⅞ x 1¾	2¾	0.7	e
	A-3833	Transceiver input mic and plate to grid	Pri—200 and 5,000 Sec—60,000	5	A	1¾	2⅞ x 1½	2¾	0.7	
	A-3836	Transceiver output. Plate to low or high impedance phones.	Pri—10,000 Sec—50 and 2,000	5	A	1¾	2⅞ x 1½	2¾	0.7	
	A-4749	Telephone Patch Circuit	Pri—10,000 Sec—500	—	TD	1½	1½ x 2¼	1½	1.0	

DRIVER TRANSFORMERS

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

Transformer ratio, primary: ½ 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.

SINGLE PLATE TO PUSH-PULL GRIDS

Part No.	Pri. Impedance in Ohms	Pri./½ Sec. Ratio	Max. Pri. D.C.	Core	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.
a A-4713	10,000	2:1	30 ma	¾ x ¾	A	1 ½	2 ⅞ x 1 ½	2 ⅜	0.7
A-4752	10,000	2/1.5/1:1	40 ma	¾ x ¾	A	2	3 ¼ x 1 ¾	2 ⅜	1.2
A-4722	10,000	2:1	30 ma	¾ x 1	TD	2 1 ½	2 ¾ x 2 ¾	2 ⅜ x 1 ½	1.7
A-4292	10,000	2.5:1	20 ma	¾ x ¾	A	1 ½	2 ⅞ x 1 ½	2 ⅜	0.7
A-4723	10,000	3:1	30 ma	¾ x ¾	A	1 ½	2 ⅞ x 1 ½	2 ⅜	0.7
A-4210	1,500 to 5,000	3:1	40 ma	1 x 1	C	3 ⅜	2 ⅞ x 2 ⅞	2 x 1 1 ½	2.4
A-4702	1,500 to 5,000	5:1	80 ma	1 x 1	C	3 ⅜	2 ⅞ x 2 ⅞	2 x 1 1 ½	2.5

PUSH-PULL PLATES TO PUSH-PULL GRIDS

Part No.	Pri. Imp. (P-P) in Ohms	Pri. ½ Sec. Ratio	Max. Pri. D.C.	Core	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.
b A-4208#	20,000 to 30,000	2.8:1	15 ma	1 x 1	C	3 ⅜	2 ⅞ x 2 ⅞	2 x 1 1 ½	2.5
A-4701#	20,000	3:1	25 ma	1 x 1	C	3 ⅜	2 ⅞ x 2 ⅞	2 x 1 1 ½	2.7
A-4212	1,500 to 5,000	3.2:1	50 ma	1 x 1	C	3 ⅜	2 ⅞ x 2 ⅞	2 x 1 1 ½	2.5
A-4703#	3,000 to 10,000	5:1	95 ma	1 ½ x 1 ½	C	3 ⅜	3 x 3 ⅜	2 ½ x 2	3.7

#These units have split secondaries for individual bias adjustment and/or use of inverse feedback.

"POLY-PEDANCE" DRIVER

Multi-Tapped Universal Units Offering Optimum Ratio Selection

Part No.	Application and Ratio Pri. ½ Sec.	Max. D.C.	Audio Watts	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.
c A-4761	Driver to Class "B" Grids 1.25:1/ 1.4:1/ 1.6:1/ 1.8:1/ 2:1/ 2.2:1/ 2.4:1	Pri—150 ma Sec—100 ma	15	CD	3 ⅜	2 ⅞ x 3 ⅜	2 x 2 ⅜	3.4
A-4762	Driver to Class "B" Grids 2.6:1/ 3:1/ 3.2:1/ 3.4:1/ 4:1/ 4.5:1/ 5:1	Pri—150 ma Sec—180 ma	15	CD	3 ⅜	2 ⅞ x 3 ⅜	2 x 1 1 ½	2.7
A-4763	Driver to Class "B" Grids 1.25:1/ 1.5:1/ 1.75:1/ 2:1/ 2.25:1/ 3.2:1	Pri—225 ma Sec—280 ma	30	CD	3 ⅜	3 x 4	2 ¼ x 2 ⅜	4.3

"POLY-PEDANCE" LINE DRIVER

Multi-Tapped Unit Offering Optimum Ratio Selection From a 500 Ohm Line Input

Part No.	Application and Ratio Pri. ½ Sec.	Max. D.C.	Audio Watts	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.
d A-4765	Line to Push Pull Grid 1:0.75/ 1:0.85/ 1:1/ 1:1.25/ 1:1.45/ 1:1.75/ 1:2/ 1:2.25/ 1:2.5/ 1:2.75/ 1:3.15	Pri—180 ma Sec—100 ma	15	CD	3 ⅜	2 ⅞ x 3 ⅜	2 x 1 1 ½	3.2

PLATE MODULATION

Part No.	Impedance in Ohms	Max. Ma. DC/Tube Pri. Sec.	Typical Output Tubes	Class	Audio Watts	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.
e A-3812	Pri—10,000 CT Sec—4,000	32 50	Sgl.—37, 38, 41, 1G5, 6K6 Sgl.—19, 1G6, 1J6, 6E6, 6G6, 6Z7 P.P.—30, 49, 1H4	A B B	5	A	1 ½	2 ⅞ x 1 ½	2 ⅜	0.7
A-3871	Pri—4,500 Sec—8,500	60 50	Sgl.—6L6, HY69 #Sgl.—6B5, 6F6, 6N6	A A	10	TD	2 1 ½	2 ¾ x 2 ¾	2 ⅜ x 1 ½	1.4
A-3845	Pri—10,000 CT Sec—8,000/6,500/ 5,000/3,000	100 100	Sgl.—53, 79, 6A6, 6N7, 6Y7 P.P.—42, 2A5, 6F6, 6V6	B AB2	25	C	3 ⅜	2 ⅞ x 2 ¾	2 x 1 1 ½	2.8
A-3808	Pri—3,800/3,300 CT Sec—10,000/7,500/ 5,000/4,000	260 170	P.P.—6L6, 807, HY61, RK41 P.P. Par—6L6	AB2 AB1	60	D	4 ¾	4 x 4 ¾	3 x 2 1 ½	7.7
A-3829	Pri—9,000/6,900 CT Sec—6,250/5,000/ 4,000/3,300	250 300	P.P.—RK12, HY25, 35T, HY40Z, T40, TZ40, 100TL, HK354, 756, 809, 830B	B	175	D	4 ¾	4 x 6 ½	3 x 3 1 ½	11.4

#Secondary used as primary

"POLY-PEDANCE" MODULATION

MULTI-TAPPED UNITS TO PROPERLY MATCH THE OUTPUT OF THE MODULATOR STAGE TO THE MODULATED LOAD. WILL MATCH ALL COMMON IMPEDANCES OF CLASS "B" MODULATOR (2,000 TO 20,000 OHMS) TO CLASS "C" LOAD IMPEDANCES OF 2,000 TO 20,000 OHMS.

The number of excellent transmitting tubes available is constantly increasing. R.F. applications, too, have increased and it is sometimes difficult to obtain the correct modulation transformer suitable for matching some given modulator or R.F. load. These units give an almost unlimited range in power and impedance ratings to assure a correct impedance match in all cases.

Part No.	Max. Watts	Max. D.C.	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.
A-3891	15	Pri—100 ma Sec—100 ma	D	3 $\frac{3}{8}$	2 $\frac{3}{8}$ x 2 $\frac{7}{8}$	2 x 1 $\frac{1}{16}$	2.5
A-3892	30	Pri—150 ma Sec—150 ma	D	4	3 $\frac{1}{4}$ x 3 $\frac{5}{8}$	2 $\frac{1}{2}$ x 2 $\frac{3}{16}$	4.3
A-3893	60	Pri—180 ma Sec—180 ma	D	4	3 $\frac{1}{4}$ x 4 $\frac{1}{8}$	2 $\frac{1}{2}$ x 2 $\frac{11}{16}$	6.2
A-3894	125	Pri—225 ma Sec—225 ma	D	4 $\frac{3}{4}$	4 x 4 $\frac{5}{8}$	3 x 3 $\frac{3}{16}$	9.4
A-3898	300	Pri—260 ma Sec—260 ma	FS	8 $\frac{1}{8}$	5 $\frac{3}{4}$ x 7 $\frac{5}{8}$	4 $\frac{5}{8}$ x 4 $\frac{3}{4}$	37.9
A-3899	600	Pri—500 ma Sec—500 ma	FS	9 $\frac{1}{8}$	7 $\frac{1}{4}$ x 10 $\frac{1}{4}$	6 x 5 $\frac{3}{4}$	70.0

AUDIO FILTERS

Splatter Suppressor Filter

For Use Between the Modulator and RF Amplifier

Part No.	Application	Range of Inductance In Henries†	Max. D.C. In Ma.	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.
C-2317	Splatter Suppressor Filter	0.048 to 0.9	300	BH	2 $\frac{5}{8}$	3 x 3	2 $\frac{1}{2}$ x 2'	2.3

†Taps provided for obtaining various amounts of inductance.

Band Pass Filter

For Use In Speech Amplifiers

Part No.	Application	Input Impedance In Ohms	Output Impedance In Ohms	Max. Operating Level	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.
C-2340	Band Pass Filter 200 to 3,000 C.P.S.	10,000	500 or 100,000	10.0V RMS Across Output	TD	2 $\frac{1}{16}$	2 $\frac{3}{4}$ x 2 $\frac{3}{16}$	2 $\frac{3}{8}$ x 1 $\frac{1}{2}$	0.6

Low Pass Filter

For Use In Speech Amplifiers

Part No.	Application	Input Impedance In Ohms	Output Impedance In Ohms	Max. Operating Level	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.
C-2341	Low Pass Filter 3000 C.P.S. Cutoff	100,000	100,000	1.5V RMS Across Output	TD	2	2 $\frac{1}{2}$ x 1 $\frac{15}{16}$	2 $\frac{1}{8}$	0.5

TRANSFORMERS FOR TRANSISTOR APPLICATION

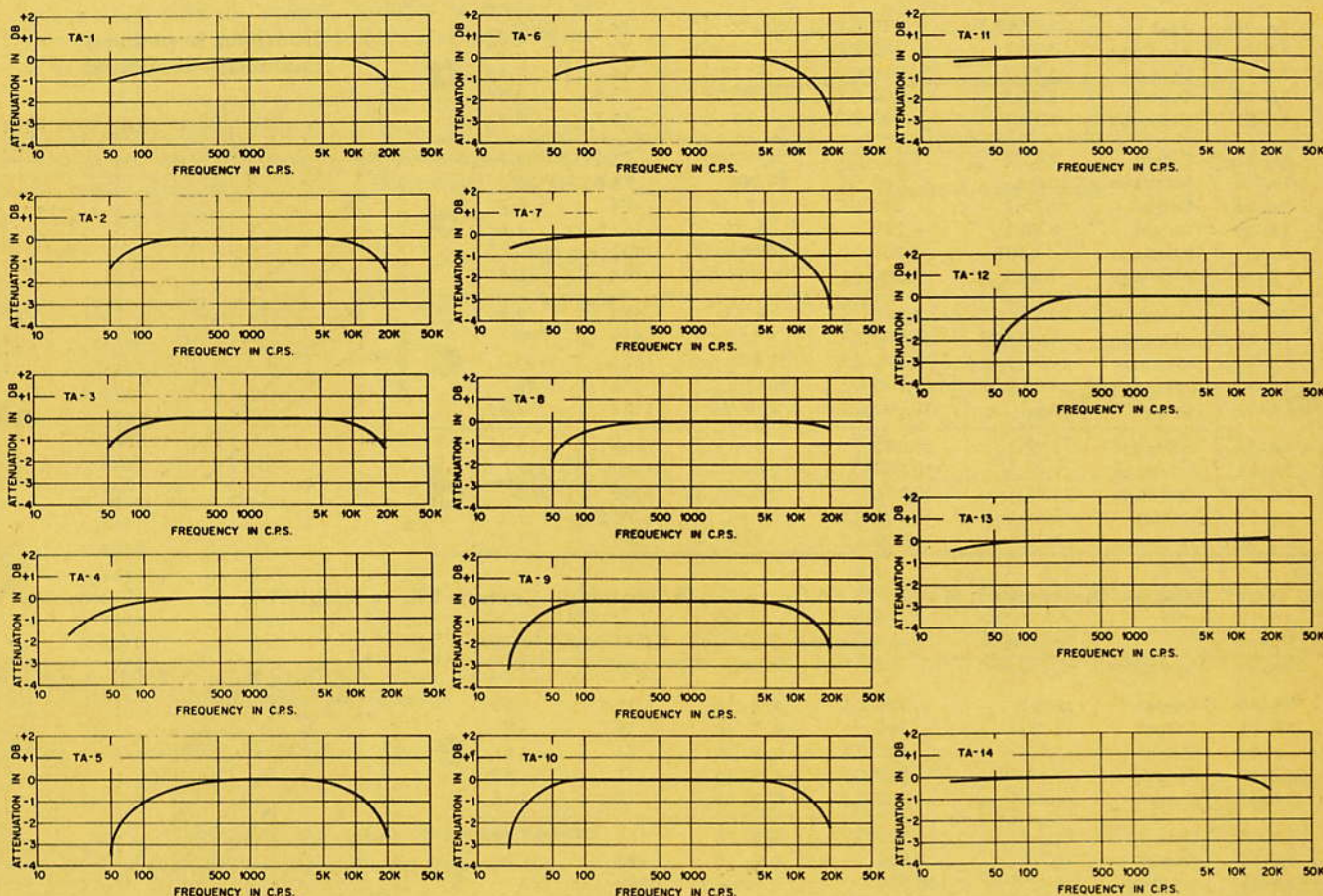
Transistor transformers for a 30 watt transistor mobile modulator*

Part No.	Application	Imp. in Ohms		Max. Pri. D. C. Ma.	Power in Watts	Ht., In.	Base Area, In.	Mtg. Ctrs., In.	Mtg. Type	Shpg. Wt.
		Pri.	Sec.							
*TA-15	Input: S. B. Mic. to transistor (2N156 or equiv.)	50 to 100	10	50	5MW	1 $\frac{3}{16}$	1 $\frac{1}{16}$ x 1 $\frac{3}{16}$	1 $\frac{3}{16}$	A	5 $\frac{1}{2}$ oz.
*TA-16	Driver: Single 2N156 to P.P. 2N278 C1. "B" or equiv.	20	36 C.T.	400	1W	1 $\frac{3}{16}$	2 $\frac{1}{16}$ x 1 $\frac{1}{8}$	1 $\frac{3}{4}$	A	2 oz.
*TA-17	Modulation: P.P. 2N278 "CL. "B" to Class "C" load	8 C.T.	7500/ 5000 @ 120 Made	—	35	3 $\frac{1}{8}$	3 x 2 $\frac{1}{2}$	1 $\frac{15}{16}$ x 2	C	3 lbs.

*See bulletin 545 for circuit of a typical class B modulator stage.

*New Part Number

TRANSISTOR AUDIO TRANSFORMER FREQUENCY RESPONSE CURVES



TRANSFORMERS FOR TRANSISTOR APPLICATIONS

Audio

	Part No.	Applica-tion	Imp. in Ohms		Max. Pri. DCMA	D.C. Res. in Ohms		Power in Watts	Ht.	Base Area	Mtg. Ctrs.	Mtg. Type	Shpg. Wt.
			Pri.	Sec.		Pri.	Sec.						
a	TA-1	Input	600 CT	10	20	42	.8	.05	1 ³ / ₁₆	1 ¹ / ₁₆ x 1 ⁵ / ₁₆	1 ¹ / ₁₆	A	1 oz.
	TA-2	Interstage	100 CT	10 CT	100	4.3	.8	.25	1 ¹ / ₁₆	2 ¹ / ₁₆ x 1 ³ / ₁₆	1 ¹ / ₁₆	A	3 oz.
	TA-3	Interstage	100	1000 CT	100	5.8	.45	.25	1 ³ / ₁₆	2 ⁷ / ₁₆ x 1 ³ / ₁₆	2	A	3 oz.
	TA-4	Interstage	500 CT	5000 CT	12	37	250	.03	1 ³ / ₁₆	2 ⁷ / ₁₆ x 1 ³ / ₁₆	2	A	3 oz.
	TA-5	Driver	1000	200 CT	10	400	115	.05	5/8	1 ¹ / ₄ x 1/2	1 ¹ / ₁₆	A	2 oz.
b	TA-6	Driver	2000	200 CT	5	720	115	.05	5/8	1 ¹ / ₄ x 1/2	1 ¹ / ₁₆	A	2 oz.
	TA-7	Driver	100	100 CT	100	12	12	.5	1 ⁵ / ₁₆	1 ¹³ / ₁₆ x 1 ³ / ₁₆	2 ³ / ₁₆	A	5 oz.
	TA-8	Output	9800	15	2	640	2	.05	1 ³ / ₁₆	2 ⁷ / ₁₆ x 1 ³ / ₁₆	2	A	2 oz.
	TA-9	Output	1000	4/8/16	10	180	3.5	.2	3/4	1 ¹ / ₁₆ x 3/4	1 ³ / ₁₆	A	1 oz.
	TA-10	Output	2000 CT	4/8/16	—	250	4	.2	3/4	1 ¹ / ₁₆ x 3/4	1 ³ / ₁₆	A	1 oz.
c	TA-11	Output	48 CT	8/16	275	5	1.5	5	2	3 ³ / ₁₆ x 1 ³ / ₄	2 ⁷ / ₁₆	A	1 lb.
	TA-12	Output	20 CT	8	500	.55	.35	10	1 ³ / ₁₆	1 ¹ / ₁₆ x 1 ¹ / ₂	2	A	4 oz.
	TA-13	Driver	200 CT	400 CT	10	—	—	.6	3	2 ¹ / ₁₆ x 2 ³ / ₃₂	2 ³ / ₁₆ x 1 ¹ / ₂	TD	1 ¹ / ₂ lb.
	TA-14	Output	24 CT	16/4 CT†	200	—	—	10	4 ¹ / ₄	4 ³ / ₁₆ x 3 ³ / ₁₆	3 ³ / ₁₆ x 2 ³ / ₄	TD	6 ¹ / ₄ lb.

†2 secondaries 16 ohm series, 4 ohms parallel.

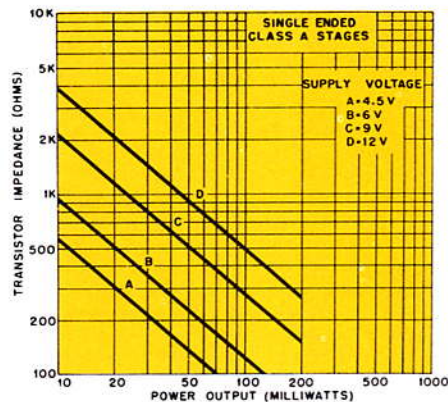
TRANSFORMERS FOR TRANSISTOR APPLICATIONS

Miniature Audio Transformers—

.150 Watt Group—Dimensions: H x W x D, $2\frac{1}{32}'' \times 1\frac{1}{16}'' \times \frac{5}{8}''$ Mounting tabs $\frac{3}{16}''$ wide, $\frac{25}{32}''$ centers • Weight .65 oz. Mounting Type A1

	Stancor Part No.	Application	Turns Ratio Pri. to Sec.	Impedance in Ohms		D.C. Resistance in Ohms	
				Pri.	Sec.	Pri.	Sec.
a	TA-18	Input	1.00:45.5	30 C.T.	50,000	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
b	TA-23	Output	5.65:1	600 C.T.	4, 8, 16	73.2	3.2
	TA-24	Interstage	10.0:1	500 C.T.	50,000	76.8	5135
	TA-25	Output	6.75:1	825 C.T.	4, 8, 16	74	2.7
	TA-26	Output	9.80:1	1,250	4, 12	132.5	1.4
	TA-27	Interstage	1:408	1,200	20,000 C.T.	142	1860
c	TA-28	Interstage	1.65:1	1,500	500 C.T.	104	46.5
	TA-29	Output	11.8:1	2,500	4, 16	370	2.3
	TA-30	Interstage	1.00:1.22	5,000 C.T.	7,500 C.T.	650	790
	TA-31	Interstage	1.00:1.41	5,000 C.T.	10,000 C.T.	635	1100
	TA-32	Interstage	1.00:4	5,000 C.T.	80,000 C.T.	573	5740
d	TA-33	Output	24.6:1	10,000 C.T.	4, 8, 16	1174	2.6
	TA-34	Interstage	6.97:1	10,000	200 C.T.	1200	33.4
	TA-35	Interstage	2.24:1	10,000	2,000 C.T.	1200	257
	TA-36	Interstage	1.83:1	10,000	3,000 C.T.	1200	385
	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

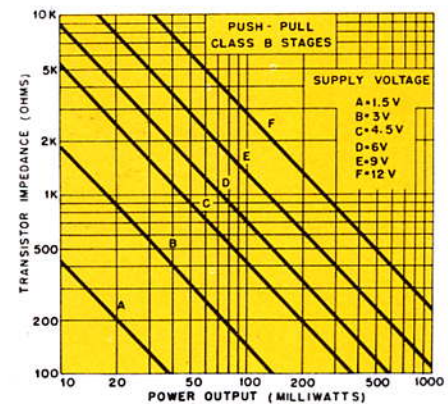
Transistor Impedance Characteristic Curves



.300 Watt Group—Dimensions: H x W x D, $1\frac{3}{16}'' \times 1\frac{5}{8}'' \times \frac{3}{4}''$ Mounting Centers: $1\frac{3}{8}''$ • Weight 1.2 oz.

Mounting Type A1

	Stancor Part No.	Application	Turns Ratio Pri. to Sec.	Impedance in Ohms		D.C. Resistance in Ohms	
				Pri.	Sec.	Pri.	Sec.
e	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-43	Output	6.63:1	700 C.T.	4, 8, 16	77	1.15
f	TA-44	Output	12.5:1	2,500	4, 8, 16	172	1.15
	TA-45	Output	13.7:1	3,000	4, 8, 16	192	1.2
	TA-46	Interstage	8.17:1	100,000	1,500 C.T.	3250	143
	TA-47	Input	1.00:14.1	1,000 C.T.	200,000 C.T.	123	1815



AUTO RADIO TRANSISTOR TRANSFORMERS

Filter Chokes—Dimensions: H x W x D, $1\frac{1}{4}'' \times 1\frac{1}{2}'' \times 1''$

	Part No.	Inductance @ DCMA	DC Res. in Ohms	RMS V. Insulation	Mtg. Type	Mtg. Ctrs.	Weight in Lbs.
	*TC-2	11 mhy @ 1,000 ma	.75	1,000	A2	$1\frac{1}{4} \times \frac{7}{16}$	0.6

AUTO RADIO AUDIO TRANSISTOR TRANSFORMERS

	Part No.	Application	Impedance		Turns Ratio	Max. Pri. DCMA	DC Res. in Ohms		Power in Watts	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Weight in Lbs.		
			Pri.	Sec.			Pri.	Sec.								
h	*TA-48	Interstage	1,000Ω	40Ω	5:1	10	136	2.8	2	S2	1 $\frac{1}{16}$	1 $\frac{3}{8} \times 1\frac{3}{8}$	1 $\frac{3}{32} \times 1\frac{1}{32}$	0.6		
	*TA-49	Output	30ΩCT	4Ω	2.75:1	50perside	2.2	0.3	10	S	2 $\frac{1}{4}$	1 $\frac{7}{8} \times 1\frac{1}{8}$	1 $\frac{13}{32}$	1.0		
	*TA-50†	Output	9Ω tap @	4Ω	1.5:1	920	1.5	Ω tap @	1Ω	10	A2	2	1 $\frac{3}{8} \times 1\frac{1}{2}$	2	1 $\frac{9}{16}$	1.3
	*TA-51	Interstage	1,000Ω	10Ω	10:1	10	170	1	2	S2	1 $\frac{1}{16}$	1 $\frac{3}{8} \times 1\frac{3}{8}$	1 $\frac{3}{32} \times 1\frac{1}{32}$	0.6		

TRANSISTOR POWER TRANSFORMER

Primary 117 Volts, 60 Cycle Operation

	Part No.	Plate Supply No. 1		Plate Supply No. 2		Height	Base Area	Mtg. Type	Shpg. Wt.
		AC Volts	DCMA	AC Volts	DCMA				
i	TP-1*	13 or 18	900	13 or 18	900	3"	3 x 2 $\frac{1}{2}$	C	2 $\frac{3}{4}$

*For bridge rectifier systems †Autoformer •New Part Number

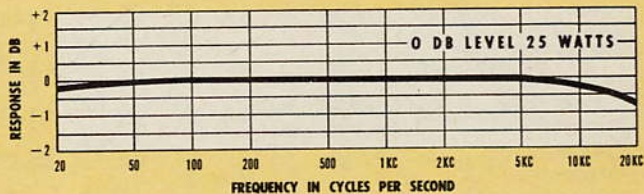
HIGH FIDELITY OUTPUT TRANSFORMERS

These Stancor output transformers combine the most advanced design and manufacturing practices to provide outstanding audio response at low cost. The Stancor-Williamson amplifier, using high fidelity output A-8054, is typical of the exceptional results that can be obtained with these units.

As shown in the curve, these units have an excellent frequency response from 20 to 20,000 cps. They are designed to insure an extremely low level of intermodulation distortion over the

entire frequency range, and at any power level within the rating of the transformer.

Type "C," upright shell mounting is used for all units. Shipping weight 6.5 pounds.



	Part No.	Pri. Imp. (P-P) In Ohms	Sec. Imp. in Ohms#	Max. Pri. D. C. Per Half	Max. Audio Watts	Height Overall	Base Area	Mtg. Ctrs.	
a	A-8050	1500	8, 16	200	50	4 5/8	3 1/8 x 4 1/4	2 3/4 x 3 1/8	a
	A-8051	2500	8, 16	150	50	4 3/8	3 1/8 x 4 1/4	2 3/4 x 3 1/8	
	A-8052	3000	8, 16	175	50	4 3/8	3 1/8 x 4 1/4	2 3/4 x 3 1/8	
	A-8053	5000	8, 16	150	50	4 3/8	3 1/8 x 4 1/4	2 3/4 x 3 1/8	
	A-8056	6600	8, 16	125	50	4 3/8	3 1/8 x 4 1/4	2 3/4 x 3 1/8	
	A-8054	9000	8, 16	100	50	4 3/8	3 1/8 x 4 1/4	2 3/4 x 3 1/8	
b	A-8060	1500	500	200	50	4 5/8	3 1/8 x 4 1/4	2 3/4 x 3 1/8	b
	A-8061	2500	500	150	50	4 3/8	3 1/8 x 4 1/4	2 3/4 x 3 1/8	
	A-8062	3000	500	175	50	4 3/8	3 1/8 x 4 1/4	2 3/4 x 3 1/8	
	A-8063	5000	500	150	50	4 3/8	3 1/8 x 4 1/4	2 3/4 x 3 1/8	
	A-8066	6600	500	125	50	4 3/8	3 1/8 x 4 1/4	2 3/4 x 3 1/8	
	A-8064	9000	500	100	50	4 3/8	3 1/8 x 4 1/4	2 3/4 x 3 1/8	
	A-8072*	7600	4, 8, 16	100	25	4 3/8	3 1/8 x 4 1/4	2 3/4 x 3 1/8	

#Where more than one secondary impedance is shown, only one value is to be used at any time.
*Primary provided with screen taps for Ultra-Linear application.

tone control unit

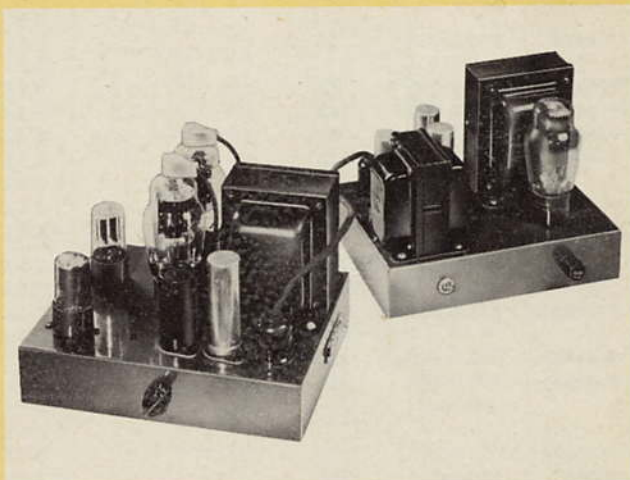
	Used in amplifiers for separate control of bass and treble frequencies	Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.	
C	C-2332-1	W1	2 1/2	2 x 2 1/8	1 1/2 x 1 3/8	1.3	C

STANCOR-WILLIAMSON ULTRA-LINEAR HIGH FIDELITY AMPLIFIER

Now you can build an Ultra-Linear version of the famous Stancor-Williamson Amplifier using the newly developed Stancor output transformer A-8072. Schematics and parts list are described in Stancor Bulletin 479.

Owners of the Stancor-Williamson Amplifier can convert to Ultra-Linear operation with a few simple circuit changes and the installation of A-8072. Conversion instructions are included in Bulletin 479.

Stancor supplies a set of two completely punched and finished chassis for the Ultra-Linear amplifier; Chassis Set WM-8, \$7.50 net. In addition to Stancor Ultra-Linear Output Transformer A-8072, \$16.60 net, this amplifier uses power transformer PC8412, \$9.53 net, and filter choke C-1411, \$4.76 net. The other electronic components used cost about \$45.00. They are all stock parts, and can be readily obtained from your Stancor distributor.



Write for Stancor Bulletin 479, it is available free of charge.

PC

COMBINATION PLATE AND FILAMENT SUPPLY

The 8400 Series Power Transformers listed below cover 95% of today's power transformer

needs. All primary windings for 117V-60 cycle operation unless otherwise indicated.

Power Transformers to Provide Approximately 260 Volts D.C. to Condenser Input Filter

Part No.	Plate Supply		Rectifier Fil.		Other Windings		Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.
	A.C. Volts	D.C. Ma.	Volts	Amps.	Volts	Amps.					
PC8401 PM8401	235-0-235	40	5.0	2.0	6.3 CT	2.0	PC	3 3/8	2 3/8 x 2 3/8	2 x 1 1/8	2.2
							PM	2 3/8	2 1/2 x 3	2 x 2 1/2	
PC8402 PM8402	240-0-240	55	5.0	2.0	6.3 CT	2.0	PC	3 3/8	2 3/8 x 2 3/8	2 x 1 1/8	2.4
							PM	2 3/4	2 1/2 x 3	2 x 2 1/2	
PC8403 PM8403	250-0-250	70	5.0	2.0	6.3 CT	2.5	PC	3 3/8	2 3/8 x 3 1/8	2 x 2 1/8	3.2
							PM	3 1/8	2 1/2 x 3	2 x 2 1/2	
PC8404 PM8404	260-0-260	90	5.0	2.0	6.3 CT	3.0	PC	3 3/8	3 x 3 1/2	2 1/4 x 2 1/4	4.0
							PM	3 3/8	2 3/8 x 3 3/8	2 1/4 x 2 13/16	
PC8405 PM8405	270-0-270	120	5.0	3.0	6.3 CT	3.5	PC	4	3 1/4 x 3 1/2	2 1/2 x 2 3/8	4.9
							PM	3 1/2	3 1/8 x 3 3/4	2 1/2 x 3 1/8	

Power Transformers for Use With Choke Input Filter, VR-Tube Regulated Supply, Speaker Field In Filter, or Higher Voltage With Condenser Input Filter

Part No.	Plate Supply		Rectifier Fil.		Other Windings		Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.
	A.C. Volts	D.C. Ma.	Volts	Amps.	Volts	Amps.					
PC8406 PM8406	325-0-325	40	5.0	2.0	6.3 CT	2.0	PC	3 3/8	2 3/8 x 2 3/8	2 x 1 1/8	2.4
							PM	2 3/4	2 1/2 x 3	2 x 2 1/2	
PC8407 PM8407	325-0-325	55	5.0	2.0	6.3 CT	2.0	PC	3 3/8	2 3/8 x 3 1/8	2 x 2 1/8	3.2
							PM	3 1/8	2 1/2 x 3	2 x 2 1/2	
PC8422 PM8422	325-0-325	150	5.0	3.0	6.3 CT	5.0	PC	4	3 1/4 x 3 3/8	2 1/2 x 2 3/8	5.8
							PM	3 3/4	3 1/8 x 3 3/4	2 1/2 x 3 1/8	
PC8408 PM8408	340-0-340	70	5.0	2.0	6.3 CT	2.5	PC	3 3/8	3 x 3 3/8	2 1/4 x 2 1/8	3.8
							PM	3 1/2	2 3/8 x 3 3/8	2 1/4 x 2 13/16	
PC8409 PM8409	350-0-350	90	5.0	2.0	6.3 CT	3.0	PC	3 3/8	3 x 3 3/8	2 1/4 x 2 3/8	4.5
							PM	3 3/4	2 3/8 x 3 3/8	2 1/4 x 2 13/16	
PC8410 PM8410	360-0-360	120	5.0	3.0	6.3 CT	3.5	PC	4	3 1/4 x 3 3/4	2 1/2 x 2 3/8	5.5
							PM	3 3/4	3 1/8 x 3 3/4	2 1/2 x 3 1/8	
PC8411 PM8411	375-0-375	150	5.0	3.0	6.3 CT	4.5	PC	4 1/8	3 3/8 x 4	2 3/4 x 2 13/16	5.8
							PM	3 3/8	3 1/2 x 4 1/8	2 3/4 x 3 3/8	
PC8412 PM8412	400-0-400	200	5.0	3.0	6.3 CT	5.0	PC	4 3/4	4 x 4	3 x 2 13/16	8.2
							PM	3 7/8	3 3/4 x 4 1/2	3 x 3 3/4	
PC8413 PM8413	400-0-400	250	5.0	4.0	6.3 CT	5.0	PC	4 3/4	4 x 4 1/2	3 x 3 3/8	10.0
							PM	4 3/4	4 x 4 1/4	3 x 3 1/8	
PC8414 PM8414	600-0-600	200	5.0	3.0	6.3	3.0	PC	4 3/4	4 x 4 1/4	3 x 3 1/8	8.3
							PM	6.3	6.3	3.0	

Power Transformers With Special or Combination Filament Windings

Part No.	Plate Supply		Rectifier Fil.		Other Windings		Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.
	A.C. Volts	D.C. Ma.	Volts	Amps.	Volts	Amps.					
P-6348 P-8173	240-0-240	60			6.3 CT	2.75	M	2 3/4	2 3/8 x 2 13/16	1 3/8	2.3
							C1	2 1/4	2 3/8 x 2 1/8	2 3/8	
P-8174	250-0-250	20			6.3	1.2	C1	2 3/8	3 1/8 x 2 1/4	2 13/16	1 1/2
							C	6.3	1.2	3	
P-8175 P-8177	300-0-300	70	5.0	3.0	6.3 CT	3	C	3 1/2	2 3/8 x 3 1/8	2 1/4 x 2 1/4	4
							C	3 3/8	3 3/8 x 3 3/8	2 3/4 x 2 3/4	
P-6001 P-4047	325-0-325	40	5.0 CT	2.0	2.5 CT	4.0	M	2 3/4	2 1/2 x 3	2 x 2 1/2	2.5
							C	4	3 1/4 x 3	2 1/2 x 1 13/16	
P-8176	350-0-350	110	5.0	2.0	6.3 CT	3.0	C	3 3/8	3 3/8 x 3 3/8	2 3/4 x 3	5 1/2
							C	6.3 CT	3.0	3.0	
P-6007	400-0-400	110	5.0 CT	3.0	2.5 CT	15.0	M	3 3/8	3 1/8 x 3 3/4	2 1/2 x 3 1/8	5.4
							M	2.5 CT	3.5	3.5	
P-6008	375-0-375	180	5.0 CT	3.0	2.5 CT	6.0	M	3 3/8	3 1/2 x 4 1/8	2 3/4 x 3 3/8	6.2
							C	6.3 CT	3.3	3.3	
P-6143 P-4004#	440-0-440	130	5.0	3.0	6.3 CT	3.5	C	4 1/8	3 3/8 x 4 1/8	2 3/4 x 2 13/16	7.0
							C	4 3/4	4 x 3 3/8	3 x 2 13/16	
P-5059# P-6315	337.5-0-337.5	200	5.0 CT	3.0	6.3 CT	5.0	C	4 5/8	3 3/4 x 4 1/8	3 x 3 3/8	9.6
							M	4 1/4	3 3/4 x 4 1/2	3 x 3 3/4	
P-8307§	870-0-870	150	5.0	2.0	6.3	3.5	TD	4 1/4	3 1/8 x 4 7/8	2 3/4 x 3 3/8	5.9
							TD	4 10-0-410	60	6.3	

All Primary Windings for 117V-60 cycle operation unless otherwise indicated.

§Intermittent duty.

#Primary for 117-107 volts.

*New Part Number

COMBINATION PLATE AND FILAMENT SUPPLY—Continued pc

Power Transformers For Use With 6AX5, 6X4, 6X5, or Selenium Rectifiers

Part No.	Plate Supply		Rectifier Fil.		Other Windings		Mtg. Type	Height Overall	Base Area	Mtg. Ctrs.	Shpg. Wt. In Lbs.
	A.C. Volts	D.C. Ma.	Volts	Amps.	Volts	Amps.					
PS8415	125 1/2-wave	15			6.3	0.6	PS	2	2 3/8 x 1 3/8	2	0.7
PS8416	125-0-125	25			6.3	1.0	PS	2 3/8	2 7/8 x 1 3/4	2 3/8	1.0
PA8421	125 1/2-wave	50			6.3	2.0	PA	2 1/4	3 3/4 x 2 1/8	3 1/8	1.5
PC8417	220-0-220	50	6.3	0.6	25.2	0.5	PC	3 3/8	2 5/8 x 2 5/8	2 x 1 1/8	2.2
PC8418	230-0-230	50					PC	3 3/8	2 5/8 x 2 5/8	2 x 1 1/8	2.2
PM8418							PM	2 5/8	2 1/2 x 3	2 x 2 1/2	
PC8419							PC	3 3/8	2 5/8 x 2 7/8	2 x 1 13/16	2.6
PM8419	240-0-240	70			6.3	3.0	PM	2 7/8	2 1/2 x 3	2 x 2 1/2	
PC8420	260-0-260	90					PC	3 1/2	3 x 3 1/2	2 1/4 x 2	3.5
PM8420							PM	3 1/2	2 7/8 x 3 3/8	2 1/4 x 2 13/16	

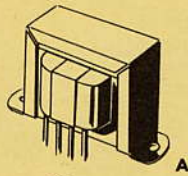
All Primary Windings for 117V-60 cycle operation unless otherwise specified.

CROSS-REFERENCE OBSOLETE POWER TRANSFORMERS vs. SIMILAR UNITS IN NEW "8400 SERIES"

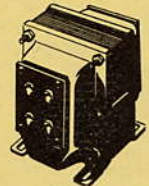
Old Unit	New Unit	Plate Supply		Rectifier Filament		Other Windings		Base Area	Overall Height
		AC Volts	DCMA.	Volts	Amp.	Volts	Amp.		
P-4010	PC8413	400-0-400	250	5.0	3.0	6.3	4.5	4" x 4 3/8"	4 3/4"
		400-0-400	250	5.0	4.0	6.3CT	5.0	4" x 4 1/2"	4 3/4"
P-4076	PC8406	325-0-325	40	5.0	2.0	6.3CT	2.0	2 5/8" x 2 7/8"	3 3/8"
		325-0-325	40	5.0	2.0	6.3CT	2.0	2 5/8" x 2 3/4"	3 3/8"
P-4077	PC8407	350-0-350	50	5.0	2.0	6.3CT	2.6	3" x 3"	3 3/8"
		325-0-325	55	5.0	2.0	6.3CT	2.0	2 5/8" x 3 1/8"	3 3/8"
P-4078	PC8408	350-0-350	70	5.0	3.0	6.3CT	3.0	3" x 3 1/4"	4"
		340-0-340	70	5.0	2.0	6.3CT	2.5	3" x 3 3/8"	3 5/8"
P-4079	PC8409	350-0-350	90	5.0	3.0	6.3CT	3.5	3 3/8" x 3 5/8"	4 5/8"
		350-0-350	90	5.0	2.0	6.3CT	3.0	3" x 3 5/8"	3 5/8"
P-4080	PC8410	350-0-350	110	5.0	3.0	6.3CT	4.5	3 3/8" x 4"	4 3/4"
		360-0-360	120	5.0	3.0	6.3CT	3.5	3 1/4" x 3 3/4"	4"
P-4081	PC8411	400-0-400	160	5.0	3.0	6.3CT	4.5	3 3/4" x 4"	4 3/4"
		375-0-375	150	5.0	3.0	6.3CT	4.5	3 5/8" x 4"	4 5/8"
P-6010	PM8406	325-0-325	40	5.0	3.0	6.3CT	2.0	2 1/2" x 3"	2 3/4"
		325-0-325	40	5.0	2.0	6.3CT	2.0	2 1/2" x 3"	2 3/4"
P-6011	PM8408	350-0-350	70	5.0	3.0	6.3CT	2.5	2 1/2" x 3"	3 1/2"
		340-0-340	70	5.0	2.0	6.3CT	2.5	2 7/8" x 3 3/8"	3 1/2"
P-6012	PM8409	350-0-350	90	5.0	3.0	6.3CT	3.5	2 7/8" x 3 3/8"	3 5/8"
		350-0-350	90	5.0	2.0	6.3CT	3.0	2 7/8" x 3 3/8"	3 3/4"
P-6013	PM8410	350-0-350	120	5.0	3.0	6.3CT	4.7	3 1/8" x 3 3/4"	3 5/8"
		360-0-360	120	5.0	3.0	6.3CT	3.5	3 1/8" x 3 3/4"	3 3/4"
P-6014	PM8411	375-0-375	150	5.0	3.0	6.3CT	5.0	3 1/8" x 3 3/4"	3 3/4"
		375-0-375	150	5.0	3.0	6.3CT	4.5	3 1/2" x 4 1/8"	3 5/8"
P-6119	PM8407	300-0-300	55	5.0	2.0	6.3CT	2.7	2 1/2" x 3"	2 7/8"
		325-0-325	55	5.0	2.0	6.3CT	2.0	2 1/2" x 3"	3 1/8"
P-6120	PM8408	315-0-315	70	5.0	3.0	6.3CT	3.5	2 7/8" x 3 3/8"	3 5/8"
		340-0-340	70	5.0	2.0	6.3CT	2.5	2 7/8" x 3 3/8"	3 1/2"
P-6165	PM8412	400-0-400	200	5.0	4.0	6.3CT	5.5	3 3/4" x 4 1/2"	4 1/8"
		400-0-400	200	5.0	3.0	6.3CT	5.0	3 3/4" x 4 1/2"	3 7/8"
P-6170	PM8414	600-0-600	200	5.0	3.0	6.3	3.0	4" x 4 1/4"	4 3/4"
						6.3	4.0		
						6.3	3.0	4" x 4 1/4"	4 3/4"
P-6289	PM8401	210-0-210	40	5.0	2.0	6.3CT	2.0	2 1/2" x 3"	2 3/4"
		235-0-235	40	5.0	2.0	6.3CT	2.0	2 1/2" x 3"	2 5/8"
P-6297	PM8401	240-0-240	40	5.0	2.0	6.3CT	2.0	2 1/2" x 3"	3 1/8"
		235-0-235	40	5.0	2.0	6.3CT	2.0	2 1/2" x 3"	3 5/8"
P-6312	PM8404	290-0-290	90	5.0	3.0	6.3CT	2.8	2 7/8" x 3 3/8"	3 5/8"
		260-0-260	90	5.0	2.0	6.3CT	3.0	2 7/8" x 3 3/8"	3 5/8"
P-6313	PM8405	290-0-290	125	5.0	3.0	6.3CT	4.5	3 1/2" x 4 1/8"	3 3/4"
		270-0-270	120	5.0	3.0	6.3CT	3.5	3 1/8" x 3 3/4"	3 1/2"
P-6314	PM8412	350-0-350	200	5.0	3.0	6.3CT	5.5	3 3/4" x 4 1/2"	3 7/8"
		400-0-400	200	5.0	3.0	6.3CT	5.0	3 3/4" x 4 1/2"	3 7/8"

MOUNTING TYPE DESCRIPTIONS

- A** Horizontal channel frame with leads and horizontal mounting tabs.
- A1** Horizontal channel frame with leads and 2 vertical mounting tabs.
- A2** Horizontal channel frame with leads and 4 vertical mounting tabs.
- BH** Horizontal open bracket mounting; with lugs.
- BV** Vertical open bracket mounting; with lugs.
- C** Vertical semi-shielded; with leads.
- C-1** Vertical semi-shielded with leads out bottom. Special mounting bracket.
- CD** Vertical semi-shielded; with leads and lugs.
- C3** Vertical semi-shielded with sockets on top and leads at bottom.
- D** Vertical semi-shielded; with lugs.
- FA** Fully shielded and potted in metal case; with ceramic terminals on ends.
- FK** Vertical semi-shielded; with input terminals on top and output receptacles on one side.
- FS** Vertical semi-shielded; terminals on top and sides.
- FS-1** Vertical semi-shielded, terminals on top.
- J** Vertical channel frame; with leads and/or lugs.
- K** Vertical semi-shielded; with line cord and plug on input; receptacle on output side.
- KA** Vertical semi-shielded; with line cord and plug and tap switch on input; receptacle on output side.
- KC** Vertical semi-shielded; with line cord and plug on input; multiple receptacles on output side.
- K2** Vertical semi-shielded; with line cord and plug on input; output receptacle on top.
- L** Universal channel frame mounting; leads and/or lugs.
- M** Double half shell semi-shielded; with leads through grommets in one shell.
- M2** Single half shell, open coil; leads on open mounting side.
- M3** Double half shell semi-shielded; with rectifier socket mounted and wired on top shell; leads through grommets on bottom shell.
- M4** Single half shell with open coil; leads through slots in shell.
- M5** Double half shell semi-shielded; with rectifier sockets mounted and wired on top shell; leads through grommets on bottom shell. Has special brackets.
- NH** Horizontal open bracket mounting; leads.
- NV** Vertical open bracket mounting; leads.
- N1** Has special bracket.
- N2** Has special bracket.
- PA** Horizontal channel frame mounting; with leads (power transformers only).
- PC** Vertical semi-shielded; leads (power transformers only).
- PM** Double half shell semi-shielded; with leads through grommets in one shell (power transformers only).
- PS** Vertical channel frame mounting; with leads and/or lugs (power transformers only).
- PSU** Vertical semi-shielded with polarized line cord and polarized receptacle.
- PT** Vertical semi-shielded; with high voltage leads through grommets in top of one shell and remaining leads through grommet in bottom.
- PV** Vertical semi-shielded; with line cord, plug and meter on input side; tap switch and output receptacle on top.
- Q** Horizontal channel frame with leads and/or lugs.
- R** Open Coil and Iron.
- RA** Open Coil and Iron with two spade bolts.
- S** Vertical channel frame mounting; with leads.
- S1/2** Open mounting with leads; special bracket.
- TA** Drawn steel case, potted; leads out of bottom. Threaded mounting holes in bottom.
- TB** Drawn steel case, potted; leads out of bottom. Twist type mounting tabs on bottom.
- TC** Folded steel case, potted; leads out of bottom. Threaded mounting studs on bottom.
- TD** Drawn steel case, potted; leads and/or lugs out of bottom. Mounting flanges on opposite sides on bottom.
- TE** Drawn steel case, potted; flange mounting; line cord and plug on input; receptacle on output side.
- TS** Drawn metal case, potted; leads out of bottom; two threaded mounting studs on opposite sides on bottom.
- TW** Drawn steel case, potted; with recessed terminals at bottom; universal mounting bracket and hardware.
- VE** Shielded horizontal or vertical channel frame mounting; with side shells and leads.
- W1** Miniature reversible mounting, potted cast case; with terminals on one end.



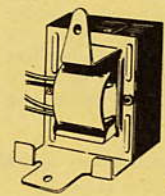
A



D



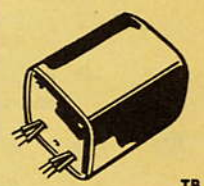
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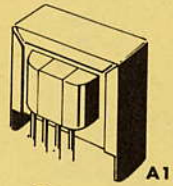
N1



PV



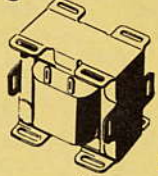
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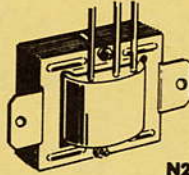
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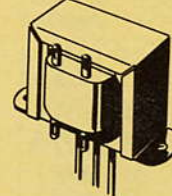
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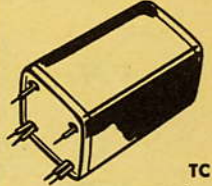
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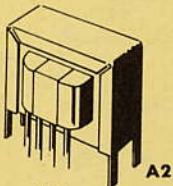
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Q



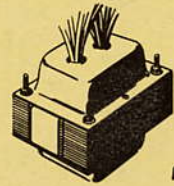
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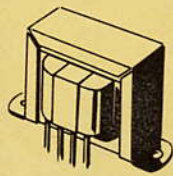
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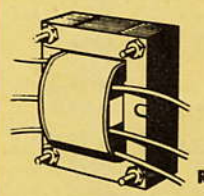
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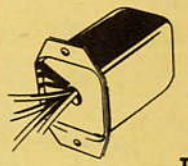
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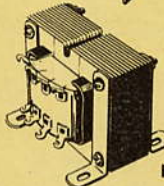
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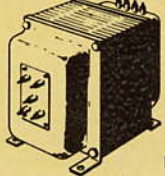
R



TD



BH



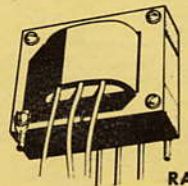
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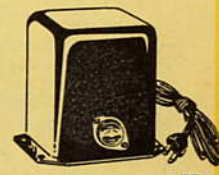
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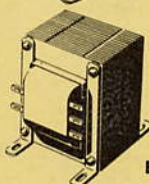
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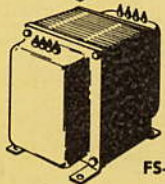
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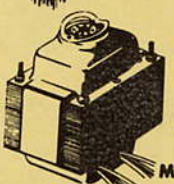
TE



BV



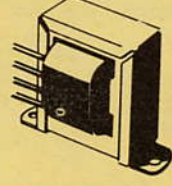
FS-1



M3



PM



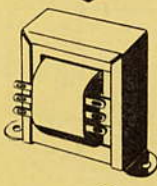
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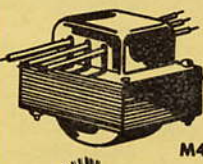
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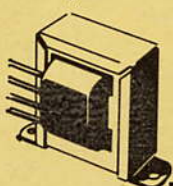
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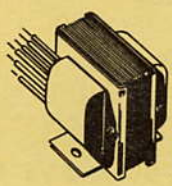
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M4



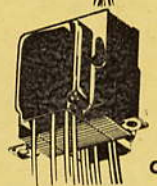
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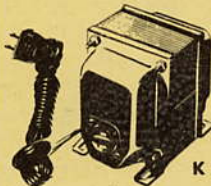
S1



TW



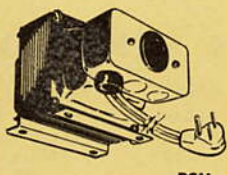
C-1



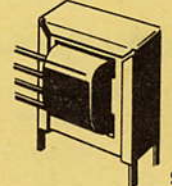
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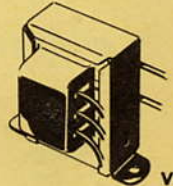
M5



PSU



S2



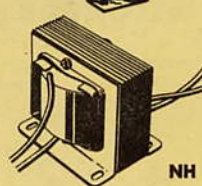
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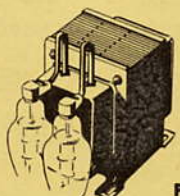
CD



KA



NH



PT



TA



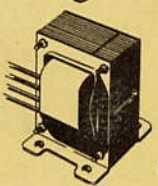
W1



C3



KC



NV