

May 1947

REFERENCE DATA

COILS AND TRANSFORMERS

ISSUED TO

Name _____

Dept. _____

Location _____

May 19, 1947
Replaces Reference Data -
Coils and Transformers,
May 1, 1939 and all issues
of Apparatus Bulletin No. 1

Bell Telephone Laboratories, Inc.
Apparatus Development Dept.
Issued by N. Botsford, Dept. 2112

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REFERENCE DATA

COILS AND TRANSFORMERS

The attached tables contain a list of information on coded input transformers, output transformers, auto-transformers, plate and filament transformers, repeating coils, retardation coils, choke coils, frequency generators and current supply sets in good standing as of April 1, 1947. Additional codes issued since the last revision of the bulletin are included together with revised information on previous codes. Many items previously listed have been dropped because of obsolescence. This information is subject to change without notice and should be used for general reference only.

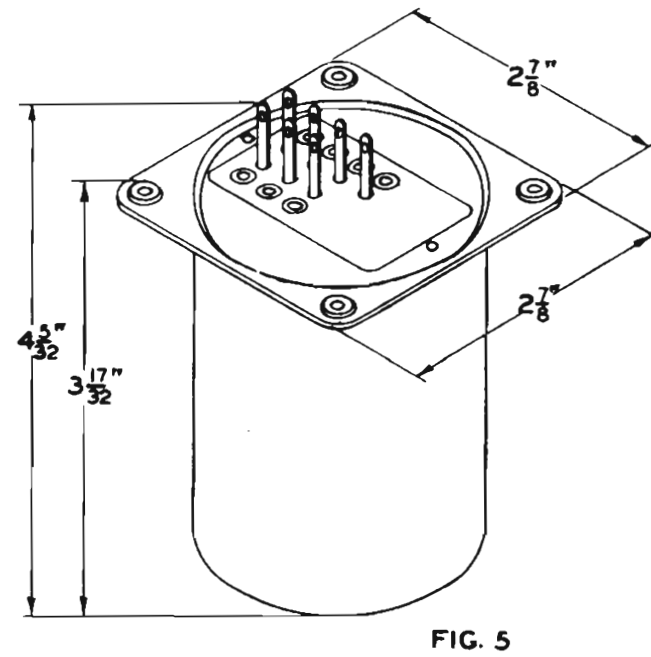
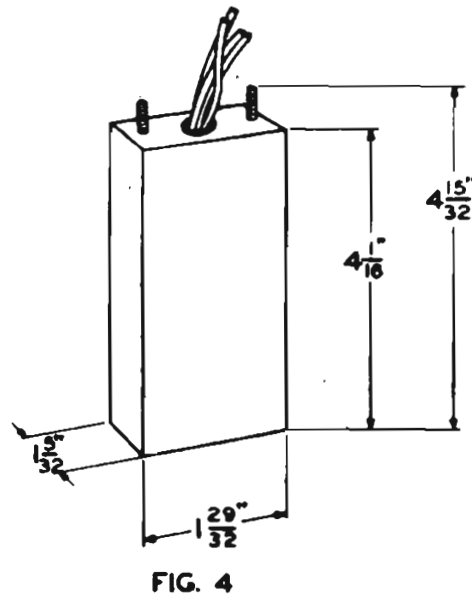
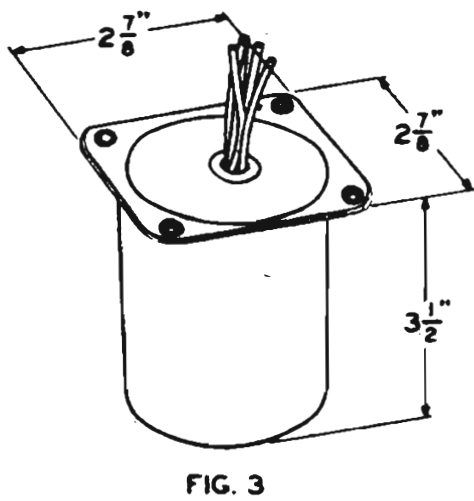
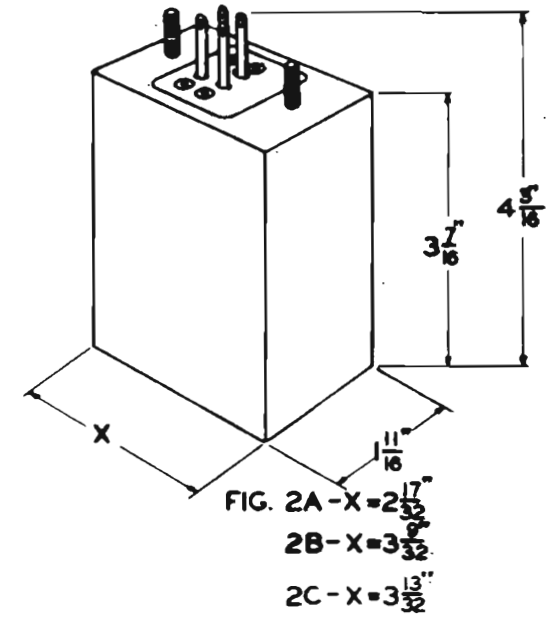
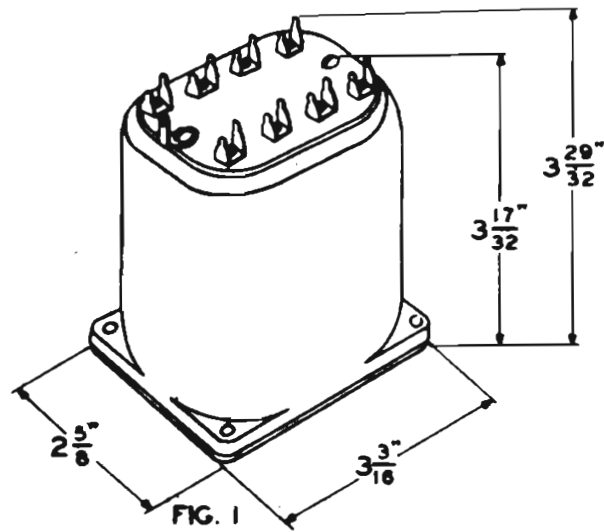
The information given herein is intended as an aid in preliminary development work and should not be used in selecting coils for final circuit arrangements as it is often possible to develop more efficient coil apparatus for the particular circuit conditions involved. Furthermore, some of the items listed may become obsolete or we may have designed or have under development coil apparatus more suitable for the purpose. In general, Department 2110 should be consulted in this regard before a final selection is made.

The information tabulated herein is not complete and does not include a variety of characteristics that are available through Department 2110. Such information as transmission, inductance stability, crosstalk balance, superimposed d-c effects, current carrying capacity, etc., may be obtained from Department 2110. This information has not been included because of the cost of compiling it and the great amount of space required for satisfactory tabulation.

Information on "D" specification coils has not been included because of the space required and the limited usefulness of the information. This information, on any particular coil, may be obtained from Department 2110 upon request.

All superseded pages of this information should be destroyed immediately.

R. G. McCURDY



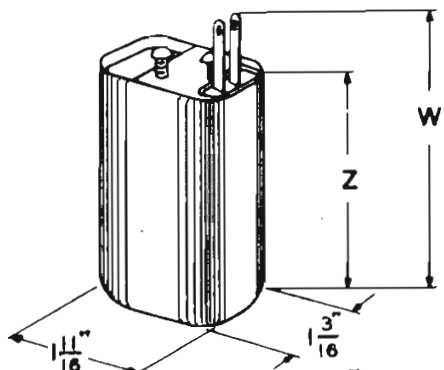


FIG. 6A- $Z = 2\frac{3}{4}$ ", $W = 3\frac{15}{32}$ "

6B $Z = 3\frac{1}{2}$ ", $W = 4\frac{7}{32}$ "

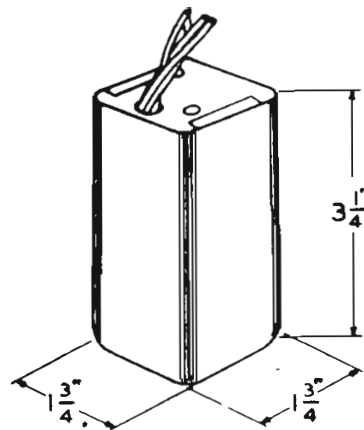


FIG. 7

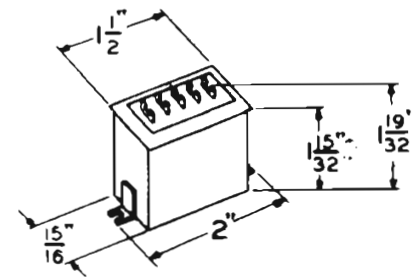


FIG. 8

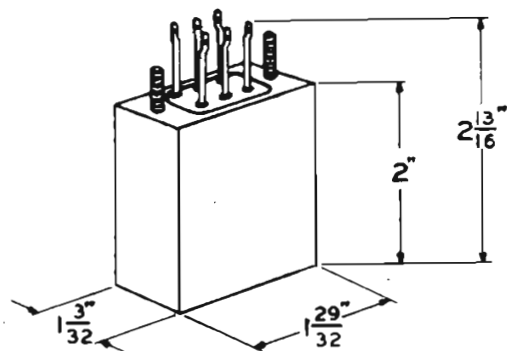


FIG. 9

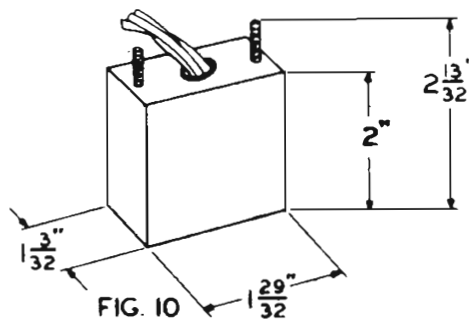


FIG. 10

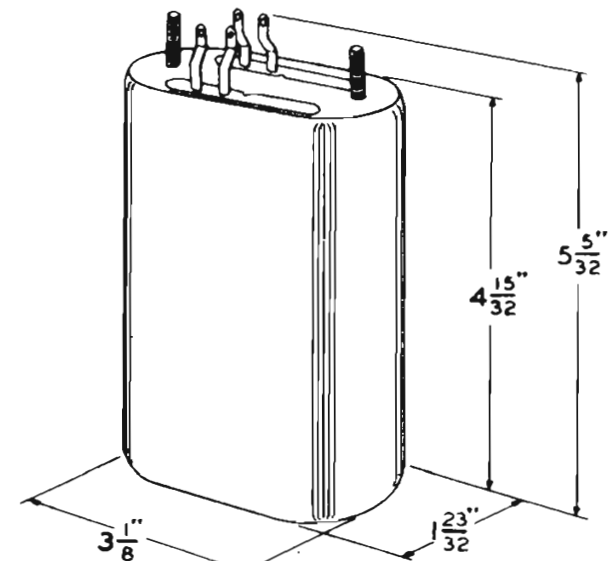
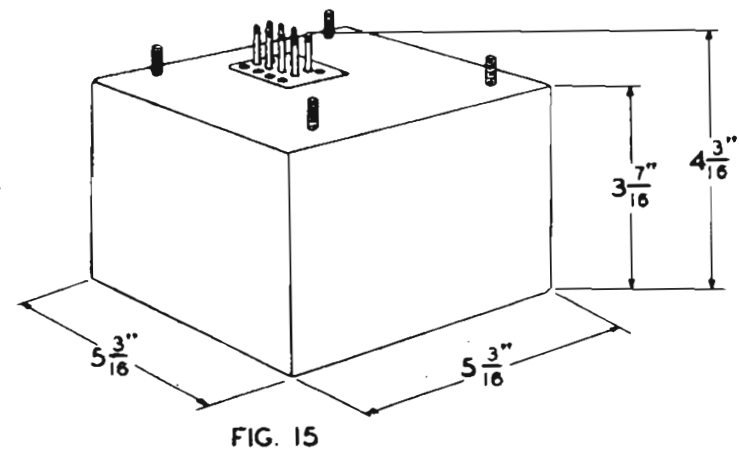
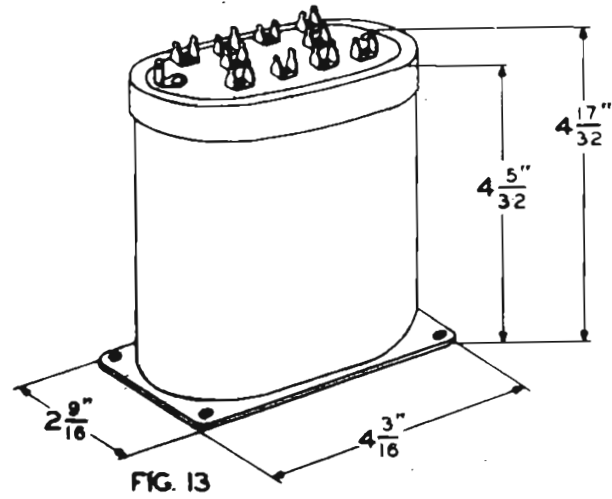
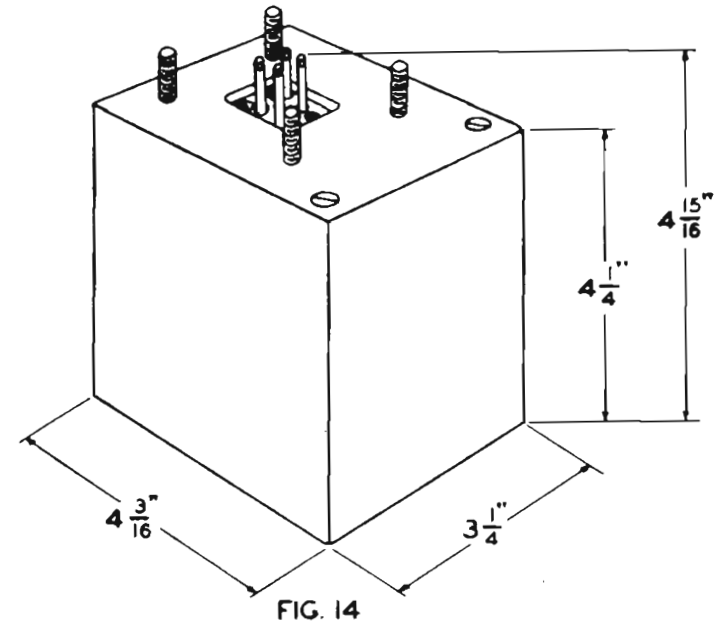
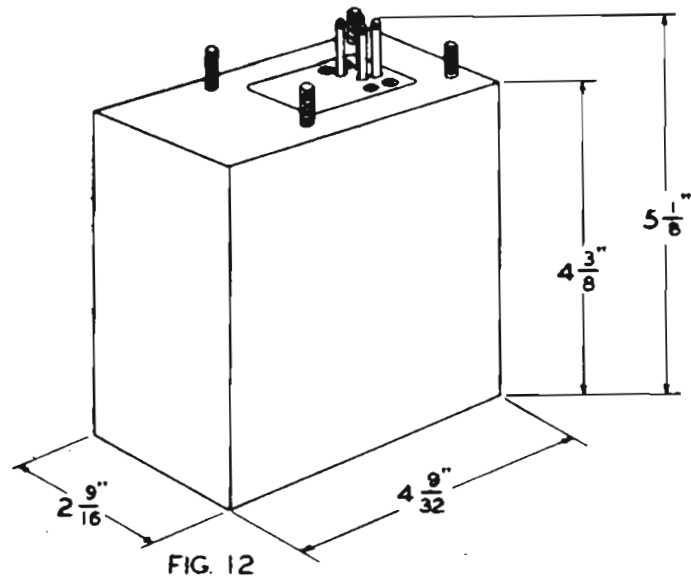


FIG. 11



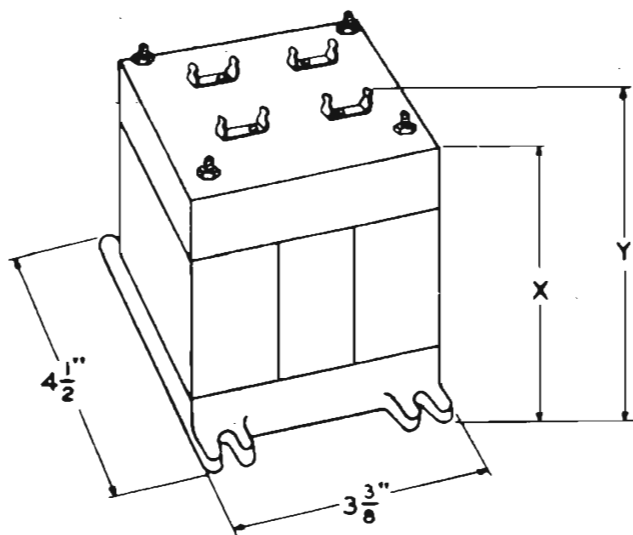


FIG. 16A-X = $3\frac{25}{32}$ " , Y = $4\frac{5}{32}$ "

16B-X = $3\frac{11}{32}$ " , Y = $3\frac{23}{32}$ "

16C-X = $3\frac{19}{32}$ " , Y = $3\frac{31}{32}$ "

16D-X = $4\frac{11}{32}$ " , Y = $4\frac{23}{32}$ "

16E-X = $4\frac{27}{32}$ " , Y = $5\frac{7}{32}$ "

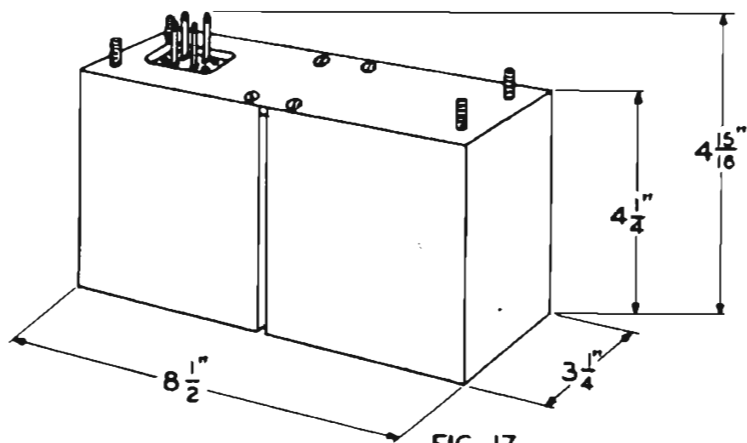


FIG. 17

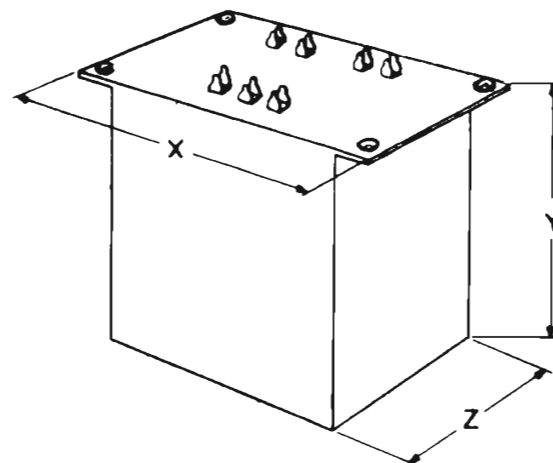


FIG. 18A-X = $5\frac{1}{2}$ " , Y = $4\frac{9}{16}$ " , Z = $3\frac{9}{16}$ "

18B-X = $5\frac{1}{2}$ " , Y = $4\frac{9}{16}$ " , Z = $4\frac{5}{16}$ "

18C-X = $5\frac{3}{8}$ " , Y = $4\frac{21}{32}$ " , Z = 4"

18D-X = $5\frac{1}{8}$ " , Y = $4\frac{21}{32}$ " , Z = 4"

18E-X = $4\frac{3}{8}$ " , Y = $4\frac{11}{16}$ " , Z = 4"

18F-X = $3\frac{5}{8}$ " , Y = $3\frac{3}{8}$ " , Z = $3\frac{3}{16}$ "

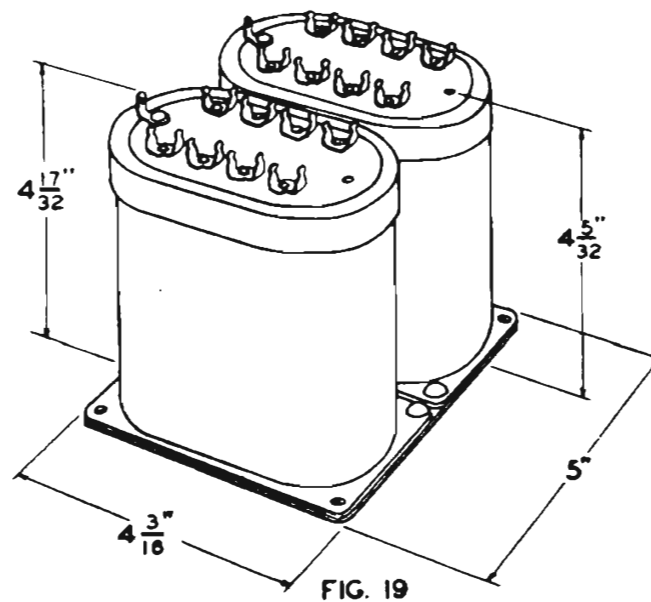


FIG. 19

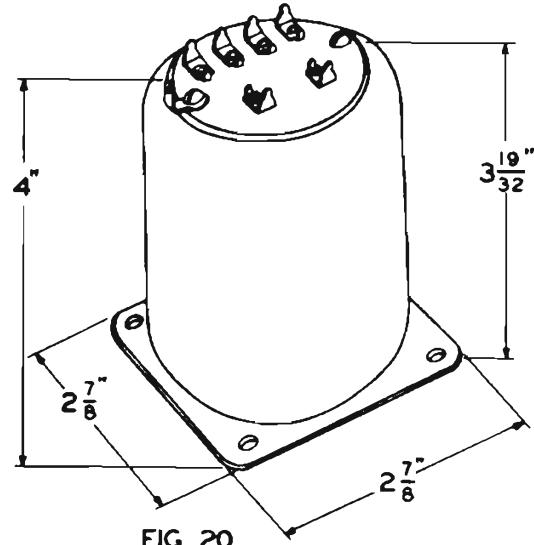


FIG. 20

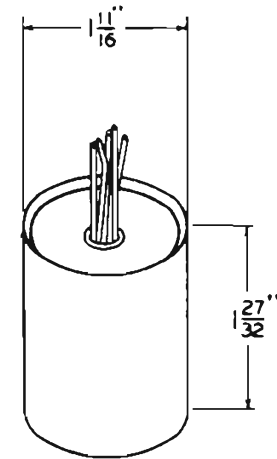


FIG. 22

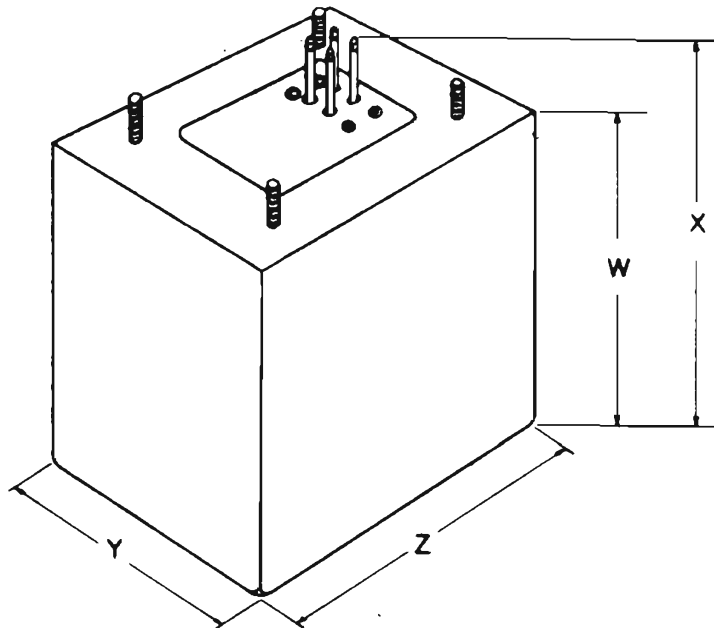


FIG. 21A-W=3 $\frac{7}{16}$ " X=4 $\frac{3}{16}$ " Y=2 $\frac{9}{16}$ " Z=3 $\frac{13}{32}$ "
 21B-W=3 $\frac{15}{16}$ " X=4 $\frac{11}{16}$ " Y=2 $\frac{3}{32}$ " Z=3 $\frac{15}{16}$ "

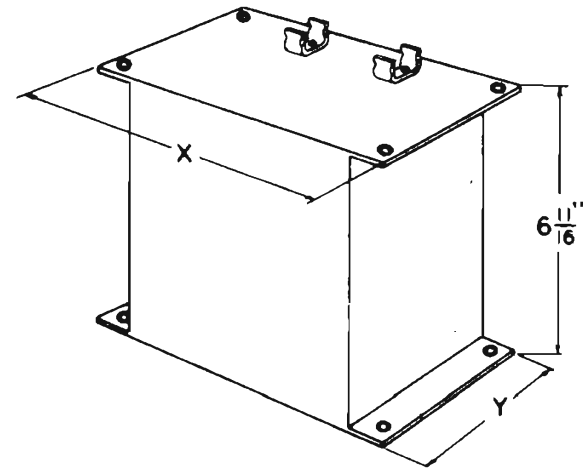


FIG. 23A-X=7 $\frac{5}{8}$ " Y=5 $\frac{5}{8}$ "
 23B-X=7 $\frac{7}{8}$ " Y=6 $\frac{5}{8}$ "

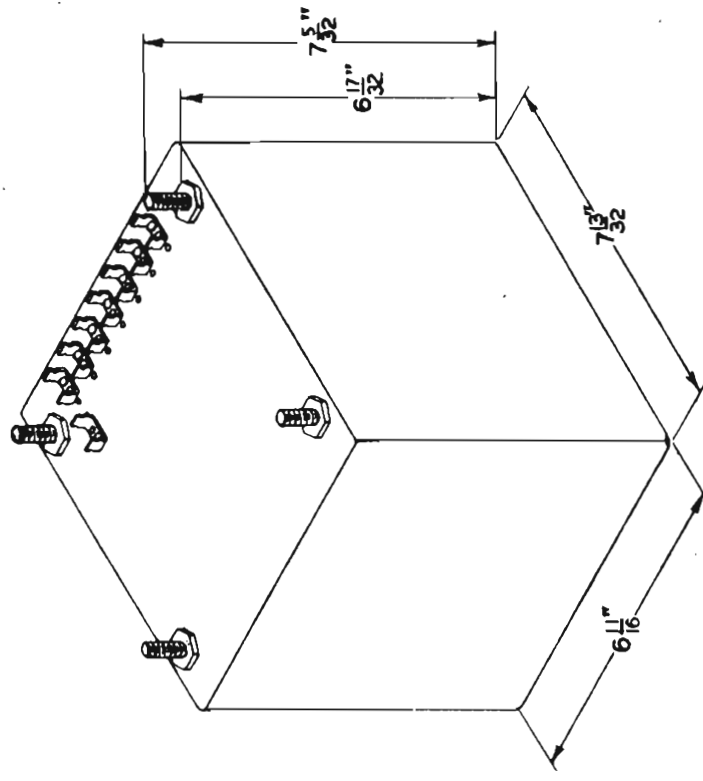


FIG. 25

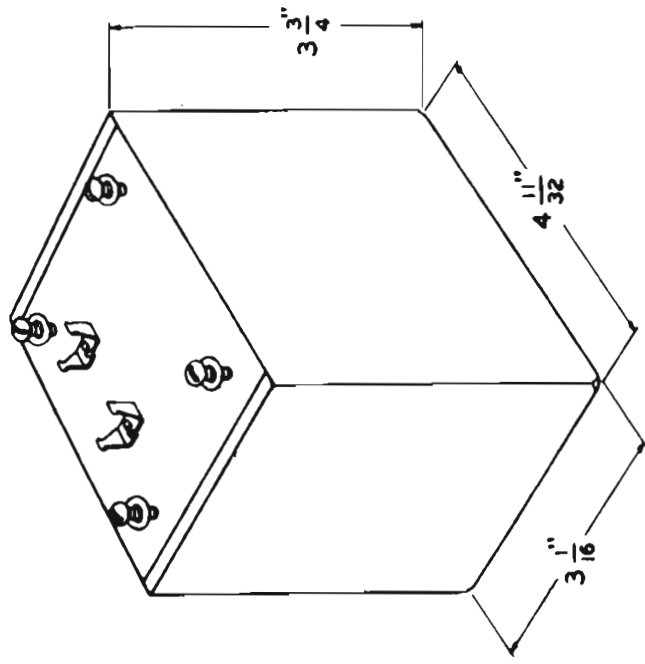


FIG. 24

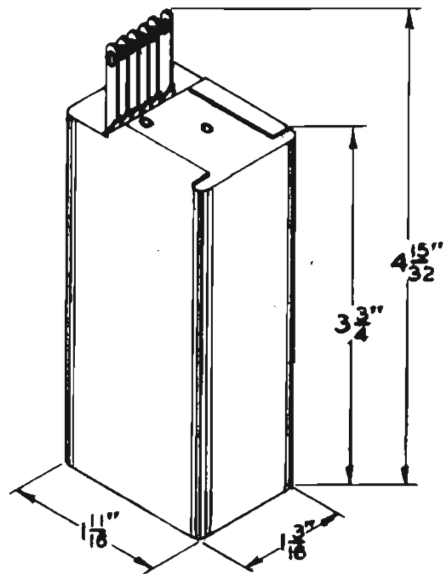


FIG. 26

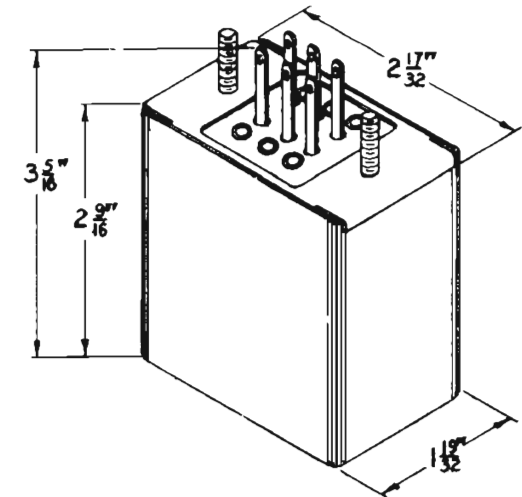


FIG. 27

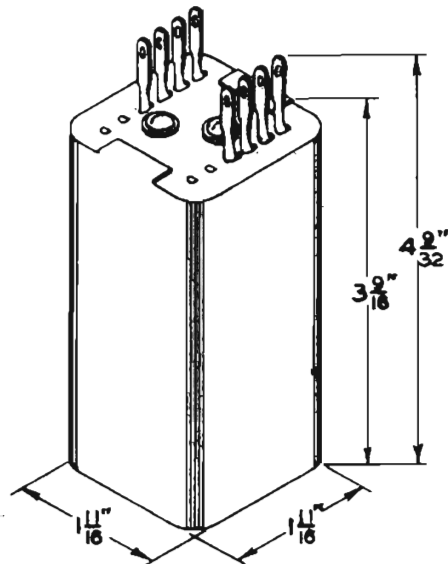


FIG. 28

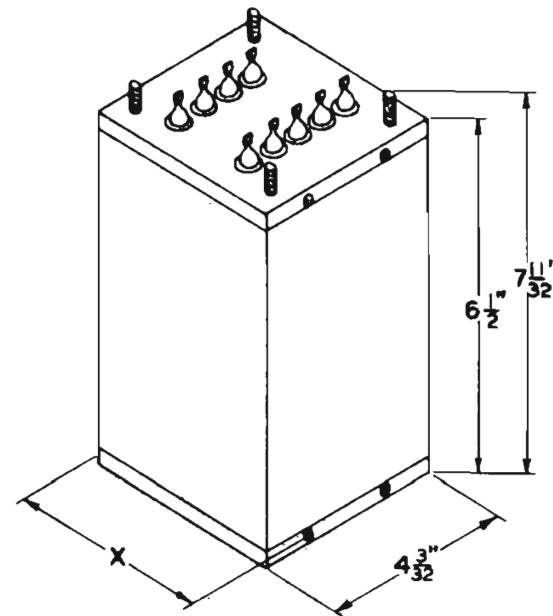


FIG. 29A-X = $2\frac{11}{16}$ "

29B-X = $3\frac{1}{16}$ "

29C-X = $4\frac{3}{16}$ "

INPUT TRANSFORMERS

Sheet 1

Code	Reference Number	Shield*	Impedance Ratio	Max. D. C. Resistance		Min. L Low Wdgs. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs	Low Windings	High Windings
				Low Wdgs.	High Wdgs.						
210 C	W 3509 D 75397	No	1:1	5.6	6.0	.053-.057	1200-4200	5 3/4 x 4 3/4 x 2 21/32	8	1-2	3-4
211 B	D 75396	No	1:1	13	18	.367-.389	350-1200	8 3/8 x 8 3/8 x 4 1/2	20	1-2	3-4
211 C	W 3804 D 77098	No	1:1	50	380	2.45-2.60	100-350	8 3/8 x 8 3/8 x 4 1/2	20	1-2	3-4
223 B	-	E	500:100000	46	10400	.93	60-4000	Fig. 1	3.5	1-2 & 5-6	3-4 & 7-8
231 B	W 5919	No	500:300000	57.2-76.3	10000	.4-.7	200-3000	Fig. 1	3.5	1-2 & 3-4	5-6
232 B	D 79173	No	1:1	7.5	73.5	.00819	6000	2 5/8 x 5 7/16 x 5 7/16	6	1-2	3-4
233 D	W 6225	No	20000:50000	3490.0	5450.0	150.0	60-5000	Fig. 1	3.5	1-2 & 5-6	3-4 & 7-8
233 F		No	500:14000	163.0	4465	10.2	60-5000	Fig. 1	3.5	1-2	3-14
233 G		No	16000:64000	3000.0	5990	148.0	40-6000	Fig. 1	3.5	1-2 & 5-6	3-4 & 7-8
233 H	W 6710	No	20000:180000	2000	6000	60	60-5000	Fig. 1	3.5	1-2	3-4 & 7-8
233 K	W 7180 D 88431	No	4000:20250	2900	6500	120	20-10000	Fig. 1	3.5	1-2 & 5-6	3-4 & 7-8
236 A	-	No	1:1	52.5	325	.160	600-8000	8 1/4 x 8 1/4 x 4 1/2	20.	1-2 & 5-6	3-4 & 7-8
240 A	W 7098	No	1:28.5	185	6500	3.6	Voice	Fig. 1	3.5	1-2 & 3-4	5-12
240 H	-	No	20000:500000	1750.0	12000	18.5	Voice	Fig. 1	3.5	1-2 & 5-6	3-4 & 7-8

* E - Electrostatic Shield

M - Magnetic Shield

INPUT TRANSFORMERS

Code	Reference Number	Shield*	Impedance Ratio	Max. D. C. Resistance		Min. I. Low Wdgs. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs.	Low Windings	High Windings
				Low Wdgs.	High Wdgs.						
241 A	W 6881	No	275:3370	71.0	1020	24.0	40-6000	Fig. 1	3.5	1-2 & 5-6	3-4 & 7-8
241 B	W 7501	No	300:108000	20.6	5300	10	35-8500	Fig. 1	3.5	1-2	3-4 & 5-6
241 C	W 7576	E	300:1200	184	1950	85	35-8500	Fig. 1	3.5	1-2 & 5-6	3-4 & 7-8
241 D	W 7874 D 95658	No	250:30900	76.2	5420	23.7	50-10000	Fig. 1	3.5	1-2 & 5-6	3-4 & 7-8
242 B			600:80000	19	1930	.091	720	Fig. 20	2.5	1-2 & 5-6	3-4 & 7-8
243 A	W 7133	No	6000:165000	-	10260	40	30-5000	Fig. 20	2.5	1-2	1-4
246 B	W 7167 D 87654	No	600:15000	320	3500	57	35-8000	Fig. 1	3.5	1-2	3-4
246 C	W 80980	No	500:78000	47.5	3900	14.4	50-15000	Fig. 1	3.5	1-2 & 5-6	3-4 & 7-8
247 A	W 7351	No	250:159000	86	6600	6	35-10000	Fig. 20	2.5	1-2 & 3-4	5-6
247 B	W 7352	No	16000:100000	2325	6000	550	35-10000	Fig. 20	2.5	1-2 & 5-6	3-4 & 7-8
247 C	W 7426 D 88056	No	200:25000	47	4200	19	40-5000	Fig. 20	2.5	1-2 & 5-6	3-4 & 7-8
247 M	W 8767	No	500:16300	17.2	2160	14	35-10000	Fig. 20	2.5	1-2 & 3-4	5-6
249 A	W 7111	No	20000:50000	3480	5450	37.5 (1-2)	60-5000	Fig. 1	3.5	1-2 & 5-6	3-4 & 7-8
250 B	-	No	60000:1500000	1090	7380	22	500-3000	Fig. 1	3.5	1-2	3-4-5-6-7-8-9
253 A	W 7886 D 90339	No	100:160000	4.3	3450	.4	250-3000	Fig. 8	.2	1-2	3-4

* E - Electrostatic Shield

M - Magnetic Shield

INPUT TRANSFORMERS

Sheet 3

Code	Reference Number	Shield*	Impedance Ratio	Max. D. C. Resistance		Min L. Low Hdgs. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs.	Low Windings	High Windings
				Low Hdgs.	High Hdgs.						
255 D	W 8057 D 91916	M	600:29400	280	5100	50	35-8000	Fig. 21A	2.75	1-2 & 5-8	3-4 & 7-8
255 E	W 8069 D 91898	M	600:15000	360	3500	50	35-8000	Fig. 21A	2.75	1-2	3-4
255 H	W 9270 D 94623	E	300:7500	760	3840	80	35-8000	Fig. 21A	2.75	1-2 & 3-4	5-6
255 K		No	15000:110000	1760	5000	280	35-15000	Fig. 21A	2.75	1-2	3-4 & 5-6
255 L	W 9869 (Except D 95448 case)	No	22.4:1 (Turns)	150	4600	5.0	300 cycles	Fig. 21A	2.75	1-2	3-5
255 M	W 9649 (Except case)	E	300:507200	25	6700	5.0	1000-3000	Fig. 21A	2.75	1-2 & 5-8	3-4 & 7-8
258 A	W 8981	M	200:80000	58	7600	.8 (1-2)	100-7000	Fig. 5	2.5	1-3	4-5
260 A	W 8982	No	18000:84000	3000	6900	60	100-7000	Fig. 3	2.5	1-2	3-5
261 B	W 20649	E & M	200:110000	17.5	5100	3.8	35-10000	Fig. 20	2.5	1-2 & 3-4	5-6
264 A	W 9609	M	25:150000	1.93	4620	0.4	20-10000	Fig. 5	2.5	1-2 & 3-4	5-6
264 B		M	200:135000	17.5	5580	3.8	35-10000	Fig. 5	2.5	1-2 & 3-4	5-6
264 C	W 20545	No	18000:100000	2330	5640	600	35-10000	Fig. 5	2.5	1-2	3-4 & 5-6
264 D	W 21776 D 98771	No	500:16300	17.4	2160	14	35-10000	Fig. 5	2.5	1-2 & 3-4	5-6
266 C	W 21717	No	600:135000	55	8435	1.75	375-2350	Fig. 21A	3	1-2 & 5-6	3-4 & 7-8
266 D		E	200:100000	28	8000	160 (high side)	100-5000	Fig. 21A	3	1-2 & 3-4	5-6
269 A	W 9919	E	200:110000	23.5	4630	4.9	35-10000	Fig. 21A	2.75	1-2 & 3-4	5-6
270 C	W 9968	No	15000:145000	1680	5300	290	35-10000	Fig. 2B	2.25	1-2	3-4 & 5-6
270 D	W 9980	M	600:88800	38	3800	10	30-8000	Fig. 2B	2.25	1-2 & 3-4	5-6
270 E	W 20223	No	1000:55800	87.5	4500	30	50-8000	Fig. 2B	2.25	1-2 & 3-4	5-6
270 F		No	600:405600	11.0(1-2) 11.0(3-4)	5860	3.0	200-3200	Fig. 2B	2.25	1-2 & 3-4	5-6

* E - Electrostatic Shield

M - Magnetic Shield

Sheet 3

INPUT TRANSFORMERS

Sheet 4

Code	Reference Number	Shield*	Impedance Ratio	Max. D. C. Resistance		Min. L Low Wdgs. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs.	Low Windings	High Windings
				Low Wdgs.	High Wdgs.						
270 G	W 22615	E	300:3000	67(av)	1729(av)			Fig. 2B	2.25	1-2 & 3-4	5-6
270 H	W 23867	E & M	300:7500	27	1400	18.0	100-3000	Fig. 2B	2.25	1-2 & 3-4	5-7
272 A	W 20025	M	600:120000	176	6600	2.9	100-5000	Fig. 5	2.5	1-2 & 3-4	5-6
272 B		No	500:100000	176	6600	2.9	30-7000	Fig. 5	2.5	1-2 & 3-4	5-6
272 C		No	20000:180000	2000	6000	60	60-5000	Fig. 5	2.5	1-2	3-4 & 5-6
273 A	W 20049	No	10000:140000	2520	9500	29.0	100-5000	Fig. 5	2.5	1-2	3-4 & 5-6
274 A		E	675:181000	65	5570	1.5	1000-10000	Fig. 2B	2.25	1-2 & 5-6	3-4 & 7-8
274 B	W 9328 D 94622	No				.258 (1-2)	1000	Fig. 2B	2.25		
274 C	W 25513	No	Turns Ratio 3.90:1 (6-8):(1-2) 3.42:1 (6-6):(3-5)	150(1-2) 717(3-5)	610	21.4 (High Side)	80	Fig. 2B	2.25	1-2 & 3-5	6-8
276 A		No	20000:605000	1150	8400	30	100-5000	Fig. 2B	2.25	1-2 & 5-6	3-4 & 7-8
277 C	W 9979	E	600:53500	32	2100	.350	500-4000	Fig. 21a	3.	1-2 & 3-4	5-6
278 A	W-20987 Mod.	No		41	100(5-6) 425(3-4)	.0055	800 cycles	1 9/32 x 1 1/2 x 3 1/2	.5	1-2	3-4 & 5-6
278 C	W 24612	No	1:1	145	736		6000	1 9/32 x 1 1/2 x 3 1/2	.5	1-2	3-4 - 5-6
279 A	W 20869	No	125:138000	11.8	7270	0.16	200-5000	Fig. 10	.50	1-2	3-4
280 A		E	300:30000	110.	4500	0.77	60-5000	Fig. 21A	2.75	1-2 & 5-6	3-4 & 7-8
281 A		No	500:100000	176	6600	2	30-7000	Fig. 21A	2.75	1-2 & 3-4	5-6
282 A	W 21523	No	600:240000				200-3000	Fig. 7	1	1-2	3-4
282 B	W 21707	No	600:120000	90	5680	1.32	100-5000	Fig. 7	1	1-2	3-4-5
282 C	W 22866	No	3000:1500				100-7000	Fig. 7	1	5-6	1-2-3
283 A	W 21394	No	1:92	0.2	10.6	.000325	10200-10400	Fig. 2B	1.2	1-2	3-4
284 A	W 9541	M	400-116000	125	5500	4.5	60-10000	2 19/32 x 1 1/4 x 2 19/32	.5	1-2	3-4
285 A	W 21563	M	30:200000	5.7	5060	0.45	100-6000	Fig. 7	1.25	1-2	3-4
285 B	W 21564	No	16000:267000	990.	5360	150	50-7000	Fig. 7	1.25	1-2	3-4 & 5-6

* E - Electrostatic Shield

M - Magnetic Shield

INPUT TRANSFORMERS

Sheet 5

Code	Reference Number	Shield*	Impedance Ratio	Max. D. C. Resistance		Min. L Low Wdgs. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs.	Low Windings	High Windings
				Low Wdgs.	High Wdgs.						
285 C	W 21817	E & M	500:80000 25:80000	48.7	3480	9.8	100-8000	Fig. 7	1.25	1-4	5-6
285 E	W 22255	E & M	600:25000	27	1170	14.0 (av)	35-10000	Fig. 7	1.25	1-2 & 3-4	5-6
285 F	W 22669	E & M	250:165000 30:165000	21.5(1-3) 3.33(1-2)	4000	3.8	30-10000	Fig. 7	1.25	1-2-3	5-6
285 G	W 22834	No	142:70000	17.	3715	4.5	35-10000	Fig. 7	1.25	1-2	3-4 & 5-6
285 H	W 22831	E & M	200:110000	14.2	3590	4.0	35-10000	Fig. 7	1.25	1-2 & 3-4	5-6
285 J	W 22850	No	18000:100000	1565	4035	360	35-10000	Fig. 7	1.25	1-2	3-4 & 5-6
285 K	W 22927	E & M	15000:80000	860 (av)	2700 (av)	230 (av)	50-10000	Fig. 7	1.25	1-2	3-4-5
285 L	W 22913	E & M	600:75000 30:75000	63. (av) 3.1(av)	2275 (av)		30-10000	Fig. 7	1.25	1-4 2-3	5-6
285 N	W 23793	E & M	14:200000					Fig. 7	1.25	1-2	3-4
285 P	W 23324	E & M	500:200000	36.3	3150	7.04	40-10000	Fig. 7	1.25	1-2	3-5 & 6-8
285 R	W 33627 Mod.	E & M	250:50000 30:50000	23	2260		35-15000	Fig. 7	1.25	1-2-3	4-5-6 & 7-8
285 S	W 34575	E & M	600:25000	60(av)	1100 (av)		50-10000	Fig. 7	1.25	1-3	4-5
286 A	W 21579	No	1000:3900000	11.8	8050	0.5	60-1000	1 1/2 x 2 13/32 x 2 9/16	.75	1-2	3-4
287 A	W 21559	No	20000:720000	795	6890	23	375-2350	Fig. 2B	2.25	1-2 & 5-6	3-4 & 7-8
287 B	W 22015 D 99164	E	1600:500000	109	6930		230-3000	Fig. 2B	2.25	1-2 & 3-4	5-6
288 A	W 21773		15000:67000	1725	4880	110.	50-6000	Fig. 7	1	1-2	3-4-5
288 B	W 22010	No	600:300000	55.3	5190	2.67	400-3000	Fig. 7	1	1-2	3-4
288 D	W 22668	E & M	200:120000	37	3900	1.3(av)	50-7000	Fig. 7	1	1-2	3-4-5
288 E	W 22865	M	100:50000	32 (av)	3600 (av)		100-7000	Fig. 7	1	1-2 & 3-4	5-6
289 A	W 21758	No		12(5-6) 13(1-2)	30	.00198		1 17/32 x 1 27/32 x 2 19/32	.5	5-6 1-2	3-4
291 A	W 20900 D 97419	E	600:600	50	180	3.0	60000-108000 (suppresses) 200-3100(transmits)	Fig. 2B	2	1-2	3-4

* E - Electrostatic Shield

M - Magnetic Shield

INPUT TRANSFORMERS

Code	Reference Number	Shield*	Impedance Ratio	Max. D.C. Resistance		Min. L Low Wdgs. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs.	Low Windings	High Windings
				Low Wdgs.	High Wdgs.						
292 A	W 21663	E	600:30000		205		64000-108000	Fig. 2B	1.4	1-2	3-4
292 B	W 22378	E	125:11000		50		308000-544000	Fig. 2B	1.4	1-2 & 3-4	5-6
292 C	W 22348 Mod.	E	125:15000	1.0	45.		400000-448000	Fig. 2B	1.4	1-2	3-4
292 F	W 21571 D 98828	E	600:40000	1.1	50		120000	Fig. 2B	1.4	1-T-2	3-4
292 G	W 24447	E	125:20000		145		92000-143000	Fig. 2B	1.4	1-2	3-4
292 H	W 26708	E	135:40000	1.25	130	.063 (High Side)	64000	Fig. 2B	1.4	1-2	3-4 & 5-6
293 A	W 22050	E	140:30000	2.5	450		12000-60000 1 11/16 x 3 13/32 x 4 3/8		2.25	1-2 & 3-4	5-6
294 A	W 21826	No	1:1	1200	5250	.0686	60000-108000 1 9/32 x 1 1/2 x 3 1/2		.525	1-2	3-4
294 B	W 20991	No	1:1	1600	1600	.109	35000-150000 1 9/32 x 1 1/2 x 3 1/2		.525	1-2	3-4
294 C	W 22366	No	1:1	180	180	.00380	300000-550000 1 9/32 x 1 1/2 x 3 1/2		.525	1-2	3-4
294 D	W 22369	No	1:1	50	50	.00168	300000-550000 1 9/32 x 1 1/2 x 3 1/2		.525	1-2	3-4
295 A	W 22229	E	200+600:450000	.8(2-3) 2.5(3-4)	22300	.00182(3-4)	12000-60000 1 11/16 x 4 15/16 x 4 3/8		2.8	2-3-4	5-6
296 A	W 22345	No	4:1(Turns)	.2	.5		Tuned Single Freqs. 500000-650000 2 9/16 x 4 1/8 x 3 13/16		.75	1-2	3-4
297 A	W 21867	E	250:25000	1.0	25		650000 3 x 1 7/16 x 3 3/8		1	1-2	3-4 & 5-6
298 B	W 24190	E	135+67.5:7500	.25(1-2) .25(3-4)	33	.25 (High Side)	35000-150000 Fig. 21A		2.75	1-1T-2 3-3T-4	5-6
299 A	W 22073 D 99313	No		1.25	25.0		Fig. 21A		.75	1-4	5-6
600 A	W 22826	E	600:450000	14.4	3610		4000-10000 Fig. 2B		2.25	1-2	3-4
600 C	W 23916	No	1:3.16(Turns)	241	147	.54	200-3000 Fig. 2B		2.25	1-2	3-4

* E - Electrostatic Shield

M - Magnetic Shield

INPUT TRANSFORMERS

Sheet 7

Code	Reference Number	Shield*	Impedance Ratio	Max. D. C. Resistance		Min. L Low Wdgs. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs.	Low Windings	High Windings
				Low Wdgs.	High Wdgs.						
602 A	W 22979	No	1:1 (Turns)	1800(av)	1550(av)		1300	Fig. 11	2.2	1-2	3-4-5-6
602 B	W 21521 D 98822	E	30000:100000	15	63		4000	Fig. 11	2.2	1-2	3-4-5
602 C	W 23972	No	600:190000	3.0	4650		1000	Fig. 11	2.2	1-2 & 5-6	3-4 & 7-8
602 D	W 24813	No	1:1 (Turns)	375(av)	515(av)	10(av)	1800	Fig. 11	2.2	1-2	3-4-5-6
603 A	W 22951	No	600:150000	11.5 (1-2) 11.5 (3-4)	7430		250-2900	Fig. 11	2.2	1-2 & 3-4	5-6
603 B	W 21322 D 98821	E	1200:4800	36	95	.13	4000	Fig. 11	2.2	1-2	3-4
604 A	W 22905	No	1:1	11100	108000	(0.88(1-2)&(3-4) (in parallel)	5000-30000	1 11/16x1 11/16x4 13/32	.75	1-2	3-4
605 A	W 22658	E	400+600:450000	5.1	25000	.0160	5000-30000	2 1/16x3 9/32x3 7/16	2.25	1-17-2 3-37-4	5-6
605 B	W 29163	E	8000:8000	110	100		1000-150000	Fig. 2B	2.25	1-2 & 3-4	5-6
606 A	W 23729	No		.8	.5(1-2) 1.6(3-8)	.0113 (3-4)	Tuned Single Freq. 6000-13000	Fig. 21A	2.	9-14(Output)	1-2 Plate 3-8 Osc.
607 A	W 22730	No		.75	.65(1-2) 3.0 (3-8)	.002955(3-4)	Tuned Single Freq. 17500-30000	Fig. 21A	2	9-14(Output)	1-2 Plate 3-8 Osc.
608 A	W 23170	No	300:30000	34(av)	2330(av)	14.0	30-8000	3 7/16x4 7/8 x 4 3/8	4.5	1-2	5-13
609 A	W 23171	No	2000000:2000000	9000	9000	320	30-8000	3 7/16x4 7/8 x 4 3/4	6.0	1-2 & 5-6	3-4 & 7-8
610 A	W 23755	No	350:40000	140(av)	2950(av)		200-5000	1 3/4 x 1 3/4 x 2 1/4	.75	1-2	3-4
611 A	W 22999	No	3.8:1 (Turns)	4.0(3-4)	.8(1-2) 10.4(3-7)	.000123(3-4)	Tuned 30000 or 40000	3 7/8 x 2 3/4 x 4 13/16	1.75	3-4(Osc.)	1-2(Plate) 5-6-7(Output)
612 A	W 24024	E	135:300000	.5	360		61000	1 11/16x3 9/32x5 1/8	2	1-2	3-4
613 A	W 24044	E	135:40000	2.5	500		22000-40000	1 11/16x3 9/32x5 1/8	2.25	1-2	3-4
614 A		No	2.7:1 (Turns)	.6	1.7	164 Microhen (3-4)	Tuned 100350 or 89150	2 9/16x3 9/16x3 7/16	.75	1-2	3-4
615 A		E & M	30:125000 250:125000	28.2	3600	6.4	30-10000	2 x 2 x 3 9/16	1.75	1-2-3	5-6

*E - Electrostatic Shield

M - Magnetic Shield

INPUT TRANSFORMERS

Code	Reference Number	Shield*	Impedance Ratio	Max. D. C. Resistance		Min. L Low Wdgs. (Henrys)	Frequency Range (cycles)	Size-Inches	Weight Lbs.	Low Windings	High Windings
				Low Wdgs.	High Wdgs.						
616 A	W 22783	M	25:250000	3.5	5160	.03	300-5000	1 3/4 x 1 5/32 x 1 21/32	.25	1-2 & 3-4	5-6
617 A	W 22896	No	450:700	60	86	1.02 (High Side)	300-5000	Fig. 7	1	1-2-3	4-5
618 A		M	120:55000	25(av)	3400(av)	2.3(av)	30-15000	Fig. 22	.25	1-2 & 3-4	5-6
618 B	W 25058	M	600:25000 30:25000	214.0 8.9	8680	13 (av) (1-3)	30-15000	Fig. 22	.25	(1-3) (1-2)	5-7
618 C	W 25635	M	15000:80000 500:80000	1034 219	3634		50-10000	Fig. 22	.25	(1-3) (1-2)	(4-6)
618 D	W 34073	E & M	600:75000	140(av)	3800(av)	12.0(av)	50-10000	Fig. 22	.25	1-3 & 4-5	6-7
619 A	W 24519	E	25000:175000	17	150		Tuned Single Freqs. 58000-80000	1 11/16x2 17/32x3 7/16	1.2	1-T-2	3-4
619 B	W 24520	E	25000:175000	10	100		Tuned Single Freqs. 92000-143000	1 11/16x2 17/32x3 7/16	1.2	1-T-2	3-4
619 C	W 26618	E	100:300000 150:300000	.18(1-2) .22(3-4)	43	.023 (5-6)	128000	1 11/16x2 17/32x3 7/16	1.2	1-2 3-4	5-6
620 A	W 25025	E	60000:420000	23	220		40000	1 11/16x2 17/32x3 7/16	1.2	1-T-2	3-4
621 A	W 24174	E	125:50000	.2	75		308000-364000	1 11/16x2 17/32x3 7/16	1.2	1-T-2	3-4
622 A	W 25340	No	10000:100000 5000:100000	40	145		Rising Character- istic to 100000	1 3/4 x 1 13/16 x 2 1/4		Red-Red Wh.	Blue-Blue Wh.
623 A	W 24137 D 157242	E	500:120000 500:600	37	8970 40	2	Voice	Fig. 11	2.5	1-2 1-2	5-9 3-4
624 A	W 25288 Mod.	No	1:1	50	350	1.96	85	6 15/16x6 15/16x3 7/16	17.5	1-2	3-4
625 A	W 26235	E	1600:100000		900		12000, 28000 and 56000	3 13/32x1 11/16x4 3/8	2	1-2	3-4
626 A	W 26216	No	300:357000	9	4210		250-3000	Fig. 28	1.25	8-9	1-7
626 B	W 26660	E	300:30000	3.4	240		8000-64000	Fig. 28	1.25	1-2	7-8
626 C	W 27571	E	550:240000	48	5400	2.0	270	Fig. 28	1.25	1-2	3-4-5-6-7
626 D	W 33982	No	1000:3200	200	890	8.0	600-1800	Fig. 28	1.25	1-2	3-4
626 E	W 34615	No	300:300(1-2)(3-4) 300:140000(1-2); (7-11)	47.5(1-2) 185 (3-4)	4865	1.2 (1-2)	200-3500	Fig. 28	1.25	1-2 3-4	7-8-9-10-11
627 A	W 23410 D 156204	No	1:1(Turns)	67	182	.388	Voice	Fig. 15	8.5	1-2	3-4

* E - Electrostatic Shield

M - Magnetic Shield

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INPUT TRANSFORMERS

Sheet 9

Code	Reference Number	Shield*	Impedance Ratio	Max. D.C. Resistance		Min. L Low Wdgs. (Henrys)	Frequency Range (Cycles) Voice	Size - Inches	Weight Lbs.	Low Windings	High Windings
				Low Wdgs.	High Wdgs.						
627 B	W 23411 D 156205	No	1:1(Turns)	2.5	10.8	.0149	Voice	Fig. 15	6.75	1-2	3-4
627 C	W 22811 D 156206	No	1:1(Turns)	15.7	86.5	.0995	Voice	Fig. 15	7.25	1-2	3-4
627 D	W 22833 D 156207	No	1:1(Turns)	4.4	18	.0298	Voice	Fig. 15	7.25	1-2	3-4
628 A	W 24054 D 157603	E	600:25000	55	2900	1.5	255-3145	Fig. 2A	1.25	1-2	3-4
629 A	W 26060	No	20000:80000	1380	3800	15	200-3000	Fig. 26	.5	1-2	3-4
630 A	W 26166 Mod.	E & M	500:250000	18.5	4500	5	100-4500	Fig. 5	2	1-2	3-4 & 5-6
631 A	W 21892 Mod. D 99374	No	60000:540000	1000	3130	43	200-4000	3 5/8 x 3 3/16 x 3 3/8	2.75	1-2	3-4
632 A	W 26651	No	1:1(Turns)	67	182	.776	Operates as an Osc. coil at 255 cps	Fig. 15	9.25	1-2	3-4
633 A	W 26648	E & M	40000:80000	1450	2760			Fig. 28	1.25	1-2 & 3-4	7-8
633 B	W 26650	E & M	100:200000	1.81	3290			Fig. 28	1.25	1-2 & 3-4	7-8
633 C	W 26636	E & M	600:75000	73	2620		40-8500	Fig. 28	1.25	1-2	7-8
634 A	W 27693	No		.95	5200		700-1700	Fig. 28	1.5	1-2 & 3-4	7-10
637 A	W 26633	E	144:4000	.25	3.1	10.5 Microhen	Tuned single freqs. 680000 and 2350000	Fig. 2A	1	1-2	3-4
638 A	W 31375 Mod.	No	4000:160000	.070	1.2	4.5 Microhen	2064000	2 diam x 4 13/32 high	.5	1-2	3-4
638 B	W 31376 Mod.	No	4000:25000	.06	.3	2.1 Microhen	3096000	2 diam x 4 13/32 high	.5	1-2	3-4

* E - Electrostatic Shield

M - Magnetic Shield

Sheet 1

INPUT TRANSFORMERS

Code	Reference Number	Shield*	Impedance Ratio	Max. D. C. Resistance		Min. L Low Wdgs. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs.	Low Windings	High Windings
				Low Wdgs.	High Wdgs.						
638 C	W 31047	No	8000:100000		70		64000	2 diam x 4 13/32 high	.5	1-2	3-4
638 E	W 32158	No	5000:300000 (1-G):(3-G)	1.8(1-2)	21	.0033(3-G)	556000	2 diam x 4 13/32 high	.5	1-G-2	3-G
639 A	W 32827	No	50000:50000	11.5	11.5	145 microhen	2064000	2 17/32x1 31/32x2 7/16	.75	1-2	3-4
639 B	W 32828	No	50000:50000	2.8	2.8	78 "	3096000	2 17/32x1 31/32x2 7/16	.75	1-2	3-4
639 C	W 31139	No	100000:100000	650	325	.11 (1-2) .052(3-4)	64000	2 17/32x1 31/32x2 7/16	.75	1-2	3-4
639 D	W 31233	No	100000:100000	13	13		556000	2 21/32x1 31/32x2 7/16	.75	1-2	3-4
640 A	W 28976 D 161399	No	300:120000	92	9800	300-420 (High Side)	200-3000	2 9/16x2 17/32x3 7/16	3.25	1-2 & 3-4	5-6
642 A	W 29165	No	4:1(Turns)	3	2	212 microhen (High Side)	Any single frequency bet. 463000 and 605000	1 19/32x 2 17/32x2 9/16	.75	1-2	3-4
643 A	W 29466	No	300:357000	17.8	8630		250-3000	Fig. 2B	2	3-9	1-7
644 A	W 30109	No	1:1.7(1-2):(5-7) 1:4 (3-4):(5-7)	4 9	.8	.000577 (High Side)	(1-2) tuned to either 28150, 39850 or 144000	Fig. 12 except mtg. lugs on bottom of can	4	3-4 5-7	1-2
645 A	W 34022	E	4000:4000	0.10	0.10	1.45 microhen	15,000,000	1 3/8x1 3/4x1 11/16	.25	1-2	3-4-5
646 A	W 34013	No	1:6(Turns)	8	66	1.5(High Side)	Voice	Fig. 25 Except 3 1/2" high	.5	1-2	3-4
647 B	W 34707	E	160000:600+600 1000000:600+600	52	2030 7500	.48	200-3000	Fig. 11	2.25	1-2,3-4,5-6 1-2,3-4,5-6	9-10,11-12 7-8
650 A	W 34303	No		.23	8.0 (1-2) 5.35(1-3)	.0517 (1-2-3)	5000(Tuned)	1 11/16x1 11/16x2 21/32	.5	5-6	1-2-3
651 A	W 34084	No		.15	1.0 (1-2) 2.75(1-3)	.006435 (1-2-3)	25000(Tuned)	1 9/16x1 7/16x2 3/4	6 oz.	5-6	1-2-3
652 A	W 34085	No		.11	1.05(1-2) 2.10(1-3)	.001404 (1-2-3)	150000(Tuned)	1 9/16x1 7/16x2 3/4		5-6	1-2-3

* E - Electrostatic Shield

M - Magnetic Shield

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INPUT TRANSFORMERS

Sheet 11

<u>Code</u>	<u>Reference Number</u>	<u>Shield*</u>	<u>Impedance Ratio</u>	<u>Max. D. C. Resistance</u>		<u>Min. L Low Wdgs. (Henrys)</u>	<u>Frequency Range (Cycles)</u>	<u>Size - Inches</u>	<u>Weight Lbs.</u>	<u>Low Windings</u>	<u>High Windings</u>
				<u>Low Wdgs.</u>	<u>High Wdgs.</u>						
653 A	W 34135	No		.2	3.5(1-2) 9.3(1-3)		200000-250000 (Tuned)	1 9/16x1 7/16x2 3/4	.25	5-6	1-2-3
653 B	W 34136	No		.26	2.65(1-2) 9.5 (1-3)		300000-600000 (Tuned)	1 9/16x1 7/16x2 3/4	.25	5-6	1-2-3
653 C	W 34137	No		.06	.5(1-2) 1.7(1-3)		600000-1800000 (Tuned)	1 9/16x1 7/16x2 3/4	.25	5-6	1-2-3
653 D	W 34138	No		.04	.35(1-2) .9 (1-3)		1200000-2500000 (Tuned)	1 9/16x1 7/16x2 3/4	.25	5-6	1-2-3
653 E	W 34139	No		.04	.18(1-2) .25(1-3)		2500000-5000000 (Tuned)	1 9/16x1 7/16x2 3/4	.25	5-6	1-2-3
653 F	W 34140	No		.03	.035(1-2) .035(1-3)		5000000-10000000 (Tuned)	1 9/16x1 7/16x2 3/4	.25	5-6	1-2-3

* E - Electrostatic Shield

M - Magnetic Shield

OUTPUT TRANSFORMERS

Code	Reference Number	Shield*	Impedance Ratio	Max. D. C. Resistance		Min. L Low Wdgs. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs.	Low Windings	High Windings
				Low Wdgs.	High Wdgs.						
104 T	W 3723	E	18000:600	52	335	.75	200-3000	Fig. 13	4.5	1-2 & 5-6	3-4 & 7-8
104 Y	W 249 D 12008	No	6000:40 6000:700	9-10=20 3-4 & 7-8=35	225	1.6	200-3000	Fig. 13	4.5	9-10 Mon. 3-4 & 7-8	1-2 & 5-6
104 AC	W 5444 D 79129	E	12000:600	72	438	1.3	200-3000	Fig. 13	4.5	1-2 & 5-6	3-4 & 7-8
104 AD	D 79130	E	600:600+600	127	180	1.5	200-3000	Fig. 13	4.5	1-2 & 5-6	3-5T-4 & 7-8T-8
104 AB	-	E	5300:600	31	280	1.5	35-5000	Fig. 13	4.5	1-2 & 5-6	3-4 & 7-8
104 AO	W 8133	No	6000:3.75	.32(3-4 & 7-8) 7.3 (9-10)	272	11(High Side)	200-3000	Fig. 13	4.5	3-4 & 7-8 9-10	1-2 & 5-6
104 AH	W 8268	No	6000:46	5 (3-4 & 7-8) 7.2 (9-10)	264	12(High Side)	150-5000	Fig. 13	4.5	3-4 & 7-8	1-2 & 5-6
106 D	W 230 D 12007	No	6000:50	2.2	257	.10	200-3000	6 x 4 x 2 1/2	3.5	3-4 & 7-8	1-2 & 5-6
121 B	W 7420 D 88439	E	961:1	.36	38.0	.00048	1000-8000	Fig. 13	3.5	1-2T-2 & 5-5T-6	3-3T-4 & 7-8T-8
122 B	W 5794	E	2000:600	95	360	1.95	50-3000	Fig. 1	3.5	1-2 & 5-6	3-4 & 7-8
123 A	-	No	80000:600	80.0	8400	1.95	100-5000	Fig. 1	3.75	1-2	3-4
123 C	W 7427	No	6000:600+600	20 95	325	1.2	100-3000	Fig. 1	3.5	9-10 Mon. 3-4 & 7-8	2-5
127 A	W 6922	No	8000:500	67.4	1062	2.90	40-6000	Fig. 1	3.5	1-2-3-4	5-6 & 7-8
127 C	Sim. to W 7050	No	23000:50	77	3700	4.8	60-5000	Fig. 1	3.5	1-2 & 5-6	3-4 & 7-8
127 D	W 7025	No	7200:8	0.774	990	.092	60-5000	Fig. 1	3.5	1-2	3-4 & 5-6
127 E	W 6904	No	1000:16	1.96	131	.045	40-6000	Fig. 1	3.5	1-2 & 5-6	3-4 & 7-8
127 G	W 20016	E	73000:600	10	1810	0.5	830-1230	Fig. 1	3.5	1-2 & 5-6	3-4 & 7-8

* E - Electrostatic Shield

M - Magnetic Shield

OUTPUT TRANSFORMERS

Sheet 13

Code	Reference Number	Shield*	Impedance Ratio	Max. D. C. Resistance		Min. L Low Wdgs. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs.	Low Windings	High Windings
				Low Wdgs.	High Wdgs.						
129 E	W 7159 D 88432	E	4000:500	24.7	215	5.4	20-10000	Fig. 13	4.5	1-2 & 5-6	3-4 & 7-8
151 A	W 7155	No	6000:500	120	800	1.35	60-5000	2 7/8 x 2 7/8 x 4	2.5	1-2 & 3-4	5-6
132 A	W 7456	No	25000:200	43	2800	1.13	60-5000	Fig. 20	2.5	1-2 & 3-4	5-6
132 O	-	No	25000:500	64.3	3150	4.5	30-10000	Fig. 20	2.5	1-2 & 5-6	3-4 & 7-8
134 A	W 7524	No	6000:600	48 2.3(7-8)	565	16	35-8500	Fig. 16A	7.5	1-2 & 3-4	5-6, 7-8 Mon. Wdg.
135 B	W 9490	No	6000:600	4.5(7-3&2-6)280 (5-6) 50.0(1-2&3-4)		55.0(.008 DC) (High Side)	35-8000	4 x 6 3/8 x 6 7/32 14		7-3, 2-8 Mon. 1-2, 3-4	5-6
143 A	W 7389 D 88438	No	480500:500	4.8	510	17.4(High Side)	40-1000	4 1/8x2 5/8x 4 5/8	4.5	1-2 & 5-6	3-4 & 7-8
144 A	W 8983	No	6800:8	.480	160	8.5(High Side)	100-7000	Fig. 3	2.5	1-2	3-5
144 C	W 9101	No	10000:500	87	1250	39 (High Side)	200-3000	Fig. 3	2.5	1-2 & 3-4	5-6
144 E	W 20776	No	16000:500	51.6	2600	2.0	100-5000	Fig. 3	2.5	1-2	3-4
144 F	W 21073	No	6000:6000	57.0	117 (1-2) 125 (3-4)	5.5 (1-2)	200-5000	Fig. 3	2.5	5-6	1-2 3-4
145 A	W 7884 D 89666	No	2.14:1(Turns)	30	170	0.7		2 1/2 x 3 x 3 5/8	2.	1-2	3-4
149 A	W 7784	No	1:2.14(Turns)	68	354	5.	100-5000	3 3/8x4 1/2x3 1/2	6	1-2	3-4

*E - Electrostatic Shield

M - Magnetic Shield

OUTPUT TRANSFORMERS

Sheet 11

Code	Reference Number	Shield*	Impedance Ratio	<u>Max. D. C. Resistance</u>		Min. L Low Wdgs. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs.	Low Windings	High Windings
				<u>Low Wdgs.</u>	<u>High Wdgs.</u>						
150 A	W 9641	No	25000:200	43	2800	1.13	35-10000	Fig. 5	2.5	1-2 & 3-4	5-6
151 A		E	6000:80	0.74	6.2	.0025(High Side)	500000-1500000	Fig. 2B	1.2	1-2 & 5-6	3-4 & 7-8
151 B	W 21176	E	20000:600	12	240	.10(High Side)	40000-108000	Fig. 2B	1.2	1-2 & 3-4	5-6
151 E	W 23153	E	80000:600	-	850		16000-31000	Fig. 2B	1.2	1-2	3-4
151 F	W 24283 D-157350	E	80000:135+135	8	240		60000-108000	Fig. 2B	1.2	1-1T-2 3-3T-4	5-6
151 G	W 26668	E	100000:300:300	1.3(1-2) 1.3(3-4)	90	.0728(High Side)	Tuned at 16000, 32000 or 64000	Fig. 2B	1.2	1-2 & 3-4	5-6
154 A	W 9615	M	16000:600	112	2330	4.6	35-8000	Fig. 21A	2.75	1-2 & 6-5	4-3 & 8-7
154 B		No	8000:500	67.4	1062	2.9	40-6000	Fig. 21A	2.75	1-4	5-6 & 7-8
155 A	W 9756	E	16000:600	51.8	1370	96(High Side)	35-8000	Fig. 21A	2.75	1-2 & 3-4	5-6
157 A	W 9873	No	10000:500 10000:250	72.0	1220	43(High Side)	35-10000	Fig. 2B	2.25	1-4	5-6 & 7-8
157 B	W 20494	E	11700:600 12200:300	45.5	745	23.5(High Side)	250-5000	Fig. 2B	2.25	1-3 & 4-6	7-9
157 C	D 95167 exc. case	E	20000:600	15	550	.81	6000-9000	Fig. 2B	2.25	1-2 & 5-6	3-4 & 7-8
157 F		E	60000:600	30	2760	1.65(.055D.C.)	200-3200	Fig. 2B	2.25	1-2	3-4
157 G	W 22410 D 99163	E	21000:1200+300	43	1340	28.1 (High Side)	200-3000	Fig. 2B	2.25	3-4 & 7-8	2-5
157 H	W 26613	E	60000:600	67	4500		200-3600	Fig. 2B	2.25	1-2 & 3-4	5-6
158 B		No	20000:250	25.3	570(1-2) 1000(5-6)	9.5 21.5	200-3000	Fig. 4	1.0	3-4	1-2 (Ret.) 5-6
159 A	W 9431	No	9500:600	81	1132	80(High Side)	30-8000	Fig. 21A	2.75	1-2 & 3-4	7-8 (Mon.) 5-6
159 B	W 21453	No	4130:12 4130:6	0.68	221	17.2(High Side)	50-10000	Fig. 21A	2.75	1-2	3-4 & 5-6
160 A	W 20027	No	3320:600	31.6	186.5	5.9(High Side)	100-5000	Fig. 5	2.5	1-2	3-4 & 5-6
160 B	W 20362	No	6800:2000	67.2	204.0(3-5)	8.35(High Side)	100-7000	Fig. 5	2.5	1-2	3-5

* E - Electrostatic Shield

M - Magnetic Shield

OUTPUT TRANSFORMERS

Sheet 15

Code	Reference Number	Shield*	Impedance Ratio	Max. D. C. Resistance		Min. L Low Wdgs. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs.	Low Windings	High Windings
				Low Wdgs.	High Wdgs.						
160 C	W 22065	No	7000:1120	62.0(1-2) 230.0(3-4)	915	23.0(High Side)	35-10000	Fig. 5	2.5	1-2 Mon. 3-4	5-6
161 A	W 9324 D 94628	No	25000:200	43	2800	1.13	30-10000	Fig. 21A	2.75	1-2 & 3-4	5-6
162 B	D 90476	No	7200:600	18.7(7-8) 65.0(2-4)	604	4.5	200-4500	Fig. 2B	2.25	7-8 Mon. 1-2 & 3-4	5-6
163 A		E	80000:600	2.2	250	.045	5000-50000	Fig. 2B	2.25	2-1 & 6-5	4-3 & 8-7
163 C	W 22019 D 99162	No	21000:600	5.1(1-2) 13.3(3-4)	320	11.6(High Side) (.007 amp. dc)	4000-10000	Fig. 2B	2.25	1-2 Mon. 3-4	5-6
163 D	W 21179 D 97774		100000:250	25.6	6770	.63	200-8000	Fig. 2B	2.25	1-2	3-4
166 A	W 20650	No	4200:12 or 16	.57	142	6.3(High Side)	50-10000	Fig. 21A	3.75	1-17-2	3-4 & 5-6
166 B	W 21061		4150:500 4130:8	31.3	200	6.3(High Side)	50-10000	Fig. 21A	3.75	1-17-2	3-4 & 5-6
166 C	W 23618 D 157249	No	8000:100	10.5	750	50 (High Side)	60 cycles	Fig. 21A	3.75	1-2-3	4-5
166 D	W 26513	No	6580:300	39	470	45	85 cycles	Fig. 21A	3	1-2	3-4 & 5-6
167 A	W 20646	No	10700:300	1.15	-		2990-5010	Fig. 2B	2.25	1-2	3-4
168 A	W 21243 W 21421	E	1:34	13	525	.0156	10600	1 13/32 x 1 5/32 x 3 3/8	.5	red-red white	blue-blue white
169 A	W 20601	No	12000:1000	195	1780	50.0(High Side)	60-10000	1 1/4 x 2 19/32 x 2 19/32	.5	1-2-5	4-5
170 B	W 22680	M	25000:30 25000:330	1.6(1-2) 16.5(1-3)	1530	300 (High Side)	35-10000	Fig. 7	1.0	1-2-5	4-5
171 B	W 22998	No	10000:8 10000:500	59.0	750	27.0(High Side)	50-6000	2 5/8 x 3 5/8 x 3 7/8	3.75	1-2-3	4-5-6
171 C	W 26073	No	10000:30 10000:600	4.2(5-7) (8-9)(10-11)(12-13) 47.5(5-7) (8-9)(10-11)(12-14)	475(1-3)	23.0(High Side)	30-10000	2 5/8 x 3 5/8 x 3 7/8	3.75	5-6-7 8-9 10-11 12-13-14	1-2-3
171 D	W 34681	No	1500:500 1500:4 1500:2	54 .75 .32	168	9.0(High Side)	50-10000	2 5/8 x 3 5/8 x 3 7/8	3.75	4-5-6-7 8-9 1-2	10-12 8-9 is feedback
173 A	W 21640	No	7500:12 7500:350	12.3	341	20.0(High Side)	50-7000	Fig. 12A	8	1-7-2	3-4 & 5-6

* E - Electrostatic Shield

M - Magnetic Shield

OUTPUT TRANSFORMERS

Code	Reference Number	Shield*	Impedance Ratio	Max. D. C. Resistance		Min. L Low Wdgs. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs.	Low Windings	High Windings
				Low Wdgs.	High Wdgs.						
173 B	W 22867	No	4500:2000	60 (av.)	164 (av.)		100-7000	Fig. 18A	8	1-2	3-4-5
173 C	Mod. W 23903	No	9000:500	60.6	840	40(High Side)	40-10000	Fig. 18A	8	1-2-3	5-6 & 7-8
173 D			3750:30	1.05							
			3750:500	(5-6,7-8,9-10,11-12) 18.7 (5A-6,7-8,9-10,11-12A)	108	10.6(High Side)	50-10000	Fig. 18A	8	5A-5-6, 7-8,9-10 11-12-12A	1-2& 3-4
173 E	W 26168	No	8500:4200	225	310	7.0	100-4500	Fig. 18A	8	1-2	3-4-5
174 A	W 21706	No	12000:7.34	.84	1170	35.3(High Side)	100-5000	Fig. 7	1	1-2	3-4-5
174 B	W 21887	No	4500:37.5	3.9	59	2.2(High Side)	100-8000	Fig. 7	1	1-2	3-4
174 C	W 21958	No	8000:600	23(av)	318(av)		200-3000	Fig. 7	1	1-2	3-4
174 D	W 22527	No	20000:250 20000:30	28	2250	40 (High Side)	50-8000	Fig. 7	1	1-4 2-3	5-6
175 A	W 21932	E & M	320000:200	21	5600	2.54	50-10000	Fig. 5	2.5	1-2 & 3-4	5-6 & 7-8
176 A	W 21428	E	3500:140	3.8	148		12000-60000 1 11/16 x 5 5/32 x 4 3/8		2.8	1-2 & 3-4	5-6
176 B	W 24451 D 157571	E	3500:140	3.8	156		12000-60000 1 11/16 x 5 5/32 x 4 3/8		2.8	1-2 & 3-4	5-6
177 A	W 22215	E	3500:135+10	12.5	21.0	.5(High Side)	12000-60000 1 11/16 x 3 5/32 x 4 3/8		2.1	1-17-2 3-37-4	5-6
177 B	W 23140	E	4000:120+600	3.7(each wdg.)	50	.02(1-2) or (3-4)	5000-30000 1 11/16 x 9 3/32 x 4 3/8		2.1	1-47-2 3-37-4	5-6
178 A	W 22346	E	70000:50 70000:500	9 (av) 27 (av)	2760(av)		50-7000	Fig. 7	1	1-2 & 1-3	5-6 & 7-8
178 B	W 22217	No	10000:1110	165 (av)	890(av)	25 (High Side)(av)	35-10000	Fig. 7	1	1-2 & 3-4	5-6
178 D	W 22543 D 156880	E	4500:600	41	214	7.2	35-15000	Fig. 7	1	1-2	3-4
179 B		E	16000:600 or 135	4 (2-5)	200(4-3)(8-7)		1000-150000	Fig. 5 except height including terminal is 4".	2.5	2-5 or 1-6	4-3 & 8-7

* E - Electrostatic Shield

M - Magnetic Shield

OUTPUT TRANSFORMERS

Sheet 17

Code	Reference Number	Shield*	Impedance Ratio	Max. D. C. Resistance		Min. L Low Wdgs. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs.	Low Windings	High Windings
				Low Wdgs.	High Wdgs.						
180 A	W 22426	No		.7 (1-2) .7 (3-4)	20	.00985(High Side)	28000	Fig. 21A		1-2 & 3-4	5-6
181 A	W 22218	E	150+20:750	1.0 (1-2) 1.0 (3-4)	4.5	.050 (High Side)	35000-150000	Fig. 2B	2.25	1-1T-8 3-3T-4	5-6
181 B	W 22216	E	20000:125	1.15	.155		36000-150000	Fig. 2B	2.25	1-2	3-4
181 C	W 23152	E	80000:600	17	1600		4800-16000	Fig. 2B	2.25	1-2	3-4
181 D	W 23000	E	8000:135	.85	58		30000 and 40000	Fig. 2B	2.25	1-2 & 5-6	3-4 & 7-8
181 F	W 29164	E	15000:60	1.0	100		8000-150000	Fig. 2B	2.25	1-2 & 3-4	5-6
183 A	W 21793 D 98539	No	3600:12	0.90	415	81.0 (High Side)	50-10000	6 11/16 x 6 x 5 15/32	15	5-6, 7-8 9-10, 11-12	1-2 & 3-4
184 A	W 22791	No	1:1	99	500	15.0	20	Fig. 12	4.75	1-2	3-4
185 A	W 22214	No	2.58:1(Turns)	38(1-2)(av.) 330(3-4) "	760(5-6)		30-10000	Fig. 5	2.5	1-2 Mon. 3-4	5-6
186 A	W 22932	E	60000:600	33.5(av)	4950(av)		250-2800	Fig. 11	2.2	1-2	3-4
186 B	W 23862	No	30000:175	107	4850	1.2	Voice	Fig. 11	2.2	1-2	3-4 & 5-6
186 C	W 23864	No	12000:1000	145	1830	18.0 (High Side)	Voice	Fig. 11	2.2	1-2 & 5-6	3-4 & 7-8
188 E		No	4000:0.22	.11	245	4.4 (High Side)	255-3145	Fig. 11	2.2	1-6	7-8
187 A	W 23232	No	5000:300	196(Feedback) (9-11) 34(1-5)	260	47 (High Side)	30-8000	3 7/16 x 4 7/8 x 4 3/8	8.	9-11 1-5	6-8
188 A	W 24014	E	200000:15000	29	360		61000	1 27/32 x 1 3/32 x 2 15/32	.25	1-2	3-4
189 A	W 21572 D 98829	E	3500:2.3	.05	20		120000	Fig. 2B	1.5	1-2	3-4
189 B	W 26698	E	100000:300+300 50000:135	1.8(1-3,4-6) 5.0 (9-10)	100	.335 (High Side)	Either 4000 or 8000	Fig. 2B	1.5	1-2-3 & 4-5 9-10	7-8 7-8
190 A	W 22821 D 99757	E	7000:300	.62	60	.00381	4000	5 3/16 x 4 3/8 x 5 3/16	12	1-2	3-4-5
191 A	W 23949	No	7600:7100	80 (3-4) 129 (1-8)	160	3.0 (High Side)	300-5000	4 3/8 x 2 3/8 x 4 13/16	3.5	3-4 1-2	5-7

* E - Electrostatic Shield

M - Magnetic Shield

OUTPUT TRANSFORMERS

Code	Reference Number	Shield*	Impedance Ratio	Max. D. C. Resistance		Min. L Low Wdgs. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs.	Low Windings	High Windings
				Low Wdgs.	High Wdgs.						
193 A	W 25078	E	200:16 (3-4):(1-T) 200:100(3-4):(1-2) 60000:200(5-6):(3-4)	1.0(1-2) 3.5(3-4)	175		Tuned Single Freqs. 58000-111000	Fig. 2a	1.2	1-T-2 3-4	5-6
194 A	W 24637	No	2:1(1-T):(T-2) 4:1(3-4):(1-T-2)	6.0(1-T) 4.0(T-2)	27.0(3-4)	588 Micro- hen (1-T) 298 Micro- hen (T-2)	Tuned Single Freqs. 40000-143000	Fig. 2A	1.2	1-T-2	3-4
194 B	W 26654	E	4000:15 (4-5):(1-2) 4000:62.5(4-5):(3-4)	.1(1-2) .2(3-4)	13.0	.89 Micro- hen	Tuned single freqs. 620000-2,356,000	Fig. 2A	1.2	1-2 3-4	4-5
195 A	W 24175	E	6000:10	.012	12.5	610 Micro- hen (3-4)	Tuned Single Freqs. 306000-543000	Fig. 2A	1.2	1-2	3-4
197 A	W 24988	M	24000:600	370	1600 1600	72(High Side)	30-15000	Fig. 3	2.5	1-2	(3-4)(5-6)
198 A	W 26066	No	1000000:250000 at 12 KC (3-4):(1-2) 1000000:250000 at 28 KC (5-6):(1-2) 1000000:250000 at 56 KC (7-8):(1-2)	90	250(3-4) 230(5-6) 66(7-8)		12000 28000 56000	3 7/16x12 9/32x4 11/32		1-2	3-4 5-6 7-8
199 A	W 24865 D 157602	No	150000:50000	632	1800	25	255-3145	Fig. 2A		1-2	3-4
500 A	W 26217	No	21000:600 21000:296 21000:45	19.6(1-2) 101. (9-10) 15.4(3-4)	935	20(High Side)		Fig. 28	1.25	1-2 9-10 3-4	7-8
500 B	W 26637	No	125000:220	2.7	1750	.21	2 or more single freq. between 700-1700 cps	Fig. 28	1.25	1-2 & 3-4	5-6 & 7-8
500 C	W 27948	No	10.5:1(3-4):(1-2) (5-6):(1-2)	2.3	585 585	5.1 wdg. (3-4)	270 cycles	Fig. 28	1.25	1-2	3-4 5-6
500 D	W 33983	No	140:1.6	.25	18.5	.63(High Side)	600-1800	Fig. 28	1.25	1-2	3-4
502 A	W 26061	No	25000:600	46	1950	30(no dc)(3-4)	200-3000	Fig. 26	10 oz.	1-2	3-4
503 A	W 26642	E & M	3:1(7-8):(1-2) (7-8):(3-4)	270 270	445		200-3600	Fig. 28	1.25	1-2 3-4	7-8

* E - Electrostatic Shield

M - Magnetic Shield

OUTPUT TRANSFORMERS

Sheet 19

Code	Reference Number	Shield*	Impedance Ratio	Max. D. C. Resistance		Min. L Low Wdgs. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs.	Low Windings	High Windings
				Low Wdgs.	High Wdgs.						
504 A	W 2764E	No	70000:500	38.4	1190 1720	100 (High Side)	50-7000	2B	2.25	1-2 & 3-4	5-6 7-8
506 A	W 28730 D 161340	E	60000:600	54	2800	1.1	200-3000	2 9/16x2 17/32x3 7/16	3.25	1-4	3-4
508 A	W 29166	No	7000:10	.1	3.5		463000-605000	Fig. 27	.75	1-2	3-4
509 A		No	3470:600 3470:100	87(1-2) 22(3-4)	130(7-8) 177(9-10)		250-3000	2B	2.25	1-2 1-5	7-8
510 A	W 31188	No	740000:72	.125	7	62 Microhen	2064000	5/8 diam x 2 3/8 high	1 oz.	3-4	1-2
511 A	W 26219 Mod. D 165664	E	10000:72	.25	.75		2934000	21A	.75	1-2-3	4-5-6
512 A		No	45000:60	8.2	1540	7 (High Side)	300-8000	9/16 x 15/16 x 23/32	1/2 oz.	Red-Red Wh	Blue-Blue Wh
513 A	W 32805	E	4000:100	.4	5 (4-5) with 3 connected to 5		50000-3500000	21A	.75	1-2	3-4-5
514 A	W 33553	E	3000:72	.1	11	800 Microhen	50000-3500000	1 11/16x2 17/32x2 19/32	.5	1-2	3-4-5
515 A	W 34281 Mod.	No	40000:60	6	2500	20 (High Side)	300-8000	9/16 x 11/16 x 1 15/32	1 oz.	1-2	3-4
516 A	W 34168	No	15000:250	37	1590	10 (High Side)	250-3000	Fig. 6A	.6	1-2	3-4
517 A	W 34613	M	80000:600	75	2700(3-4) 150(5-6)	80(3-4)	200-3500	1 3/16x1 11/16x3 3/4	.75	1-2	3-4, 5-6
517 B	W 34614	M	90000:10000	600	1400	11 (High Side)	300-3000	1 3/16x1 11/16x3 3/4	.75	1-2	3-4
518 A	W 34664	No	Turns 200:1(7-8)(1-6) 1:1(7-8)(9-10)	.155	910(7-8) 1150(9-10)	25(7-8)	1600 or 3000	1 11/16x1 11/16x3 9/16	18 oz.	1-5	7-8 9-10
520 A	W 34659	No	2000:66.7 + 2 + 4	1:46(9-10) .068(1-2)(3-4) in Par. .185(5-6)	26.8(11-13) 11(High Side)		50-15000	4 7/32x4 3/32x6 1/2	14	9-10 1-2, 3-4 5-6	11-13 7-8 is feedback

* E - Electrostatic Shield

M - Magnetic Shield

REPEATING COILS

Code	Reference Number	Shield*	Impedance Ratio	Max. D.C. Resistance		Min. L Low Wdgs. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs.	Low Windings	High Windings
				Low Wdgs.	High Wdgs.						
50 A	-	No	1:1	Min. 26.35 Max. 35.65	31.45 42.55	3.0	Voice	20 x 9 1/2 x 11 1/2	75	1-2	3-4
58 C	-	No	2000:30000	15.0	230.0	Min. 1.2 Max. 1.7	Voice	Fig. 13	4.5	3-4 7-8	1-2 5-6
67 C	D-77142	No	1:1	Min. 35 Max. 47	35 47	2.4	Voice	Fig. 13	4.5	1-2 5-6	3-4 7-8
69 G	D-16634	E	300:600	Min. 6.9 Max. 8.0	16.8 20.5	.6	3000-50000	Fig. 13	4.5	1-2	3-4
74 A	1/2 - 93-A	No	1:1	50	52	2.6	Voice	Fig. 13	4.5	1-2 5-6	3-4 7-8
74 B	D-77494	E	600:1540	52.5	126	2.0	Voice	Fig. 13	4.5	1-2 5-6	3-4 7-8
74 C	D-75135	E	600:600	1.7(1-2)	1.75(3-4)	.12	3000-33000	Fig. 13	4.5	1-2 5-6	3-4 7-8
74 D	W 3583 D-75474	E	600:600	35	35	.64	Voice	Fig. 13	4.5	1-2 5-6	3-4 7-8
81 A	-	E	1:1	78 39 (each)	78 39 (each)	2.4	Voice	Fig. 13	4.5	1-2 5-6	3-4 7-8
83 B	1/2 62-A	No	1:1	50	52	1.04	Voice	Fig. 13	4.5	1-2 5-6	3-4 7-8
84 B	W 23881	No	1:1	13.1	18.5	.280	135	Fig. 13	4.5	1-2 5-6	3-4 7-8
91 A	W 5618	No	1:1	Min. 35 Max. 47	35 Min. 47 Max.	2.4	Voice	Fig. 19	9	1-2 5-6	3-4 7-8
94 E	-	No	1:1	Min. 36 Max. 50	36 Min. 50 Max.	.55 Min. .9 Max.	Voice	Fig. 11	1.8	1-2 5-6	3-4 7-8
94 F	-	No	1:1.5	Min. 36 Max. 48	55 Min. 73 Max.	.55 Min. .9 Max.	Voice	Fig. 11	1.8	3-4 7-8	1-2 5-6
94 G	W 7127	No	43.5:1	10.5	475	.115	Voice	Fig. 11	2.2	1-2	3-4
94 H	W 8264	E	600:600	24.	33.	.64	Voice	Fig. 11	2.2	1-2 5-6	3-4 7-8
94 J	W 8388	No	-	1.6	15.7(3-5) 357.8(5-7)	.03	Voice	Fig. 11	2.2	1-2	3-7

* E - Electrostatic Shield

M - Magnetic Shield

REPEATING COILS

Code	Reference Number	Shield*	Impedance Ratio	Max. D.C. Resistance		Min. L Low Wdgs. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs.	Low Windings	High Windings
				Low Wdgs.	High Wdgs.						
94 K	W 9975	No	1:2	8.5	3.5	.031	180-1000	Fig. 11	1.8	1-2	3-4
94 L	W 21437	No	1:1	750	750	50(.015 amp.) (20~)		Fig. 11	2.2	1-2	3-4
94 M	W 22692	No		340	400	-		Fig. 11	2.2	1-2-3-4	5-6-7-8
94 N	W 22838	No	1:1	12.6	17.0	.28	Voice	Fig. 11	2.2	1-2 5-6	3-4 7-8
94 P	W 23717 D-157130	No	10:25(1-2):(7-8)	.55	2.76	.040(High Side)	425-1615	Fig. 11	2.2	1-2	7-8
94 R	W 26058	No		1.63	55	.600(High Side)	1000	Fig. 11	2.2	3-4-5-6-7	1-2
94 S	W 26472 Mod.	No	50:27000	4.35	3250	.25	1000	Fig. 11	2.2	3-4 7-8	1-2 5-6
94 T	W 27695	No	1:1.5	14.5	31.5	.34(High Side)	Voice	Fig. 11	2.2	3-4 7-8	1-2 5-6
94 U	W 26819	No	5:600 5:600	.13(1-2) .15(3-4)	17.8	0.4(High Side)	270	Fig. 11	2.2	1-2 3-4	5-6
94 W	W 23716 D-159129	No	1800:1	.15	110	2.5(High Side)	425-1615	Fig. 11	2.2	1-2	3-4 5-6
94 Y	W 29019 D-161338	E	600:600	32	58	1.0	200-3000	Fig. 11	2.2	1-2	3-4
96 B	W 5722 D-79683	No	1:160000	.23	315.0	1.6(3-4)	16-425	Fig. 1	3.5	1-2	3-4 5-6
100 A	1/2 62-A	No	1:1	38 Min. 50 Max. 36.25 Min. (1R-1) 41.75 Max. (6R-6)	40 Min. 58 Max.	1.04	Voice	2 1/16 x 3 13/16 x 3 15/16	4	1-2 5-6	3-4 7-8
100 B	1/2 62-C	No	1:1.62	36 Min. 48 Max. 37.25 Min. (1R-1) 42.75 Max. (6R-6)	51 Min. 64 Max.	0.64	Voice	2 1/16 x 3 13/16 x 3 15/16	4	1-2 5-6	3-4 7-8
102 A	1/2 75-A	No	1:1	50	52	2.6	Voice	2 1/16 x 3 13/16 x 3 15/16	3.06	1-2 5-6	3-4 7-8
102 B	1/2 75-C	No	1:1.62	29	51	1.6	Voice	2 1/16 x 3 13/16 x 3 15/16	3.06	1-2 5-6	3-4 7-8
104 A	-	No	0.1:1	5.5	12.5	.085	60	Fig. 15	4.0	1-2	3-4
105 A	-	No	200:50	11.5	27.6	.5	60-6000	Fig. 1	3.5	1-2 5-6	3-4 7-8

* E - Electrostatic Shield

M - Magnetic Shield

REPEATING COILS

Code	Reference Number	Shield*	Impedance Ratio	Max. D. C. Resistance		Min. L Low Wdgs. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs.	Low Windings	High Windings
				Low Wdgs.	High Wdgs.						
107 A	W 7131 D-87301	E	600:600	13.4	15.	.68	5000-30000	Fig. 13	4.5	1-8 5-6	3-4 7-8
107 B	D-90376	E	640:640	13.4	15.	.68	4000-10000	Fig. 13	4.5	1-8 5-6	3-4 7-8
109 A	W 7666	No	30:27000	4.1	3800	.1	1000	Fig. 1	3.5	3-4 7-8	1-8 5-6
109 B		E	600:46	1.0	13.2	.0023	1000	Fig. 1	3.5	1-2 5-6	3-4 7-8
111 A	W 7577	E	600:40	2.2	29.3	1.28	35-8500	Fig. 13	4.5	1-8 5-6	3-4 7-8
111 B	W 7655	E	12.25:1 (Turns)	2.4	128.0	.9	100-5000	Fig. 13	4.5	3-4 7-8	1-2 5-6
111 C	W 7166 D-87653	E	600:600	40.0	40.0	27.0	35-8000	Fig. 13	4.5	1-8 5-6	3-4 7-8
111 D	W 8491 D-92301	No	1200:600	6	12	3.0	35-10000	Fig. 13	4.5	3-4 7-8	1-8 5-6
113 A	W 7654 D-89539	No	1:10	.060	.9	.9mh Min. 1.1mh Max.	350-450	Fig. 13	4.5	1-8	3-4
114 A	W 7544 D-89538	No	1:1.77	.024	.023	.0007	300-700	10 1/2 x 6 1/4 x 6 1/2 (approx.)	37	1-2	3-4
115 A	W 7734 D-89535	No	1:1	.012	.023	.0016 (60~)	300-700	Fig. 16C	6.75	1-2	3-4
115 B	W 7527 D-89536	No	1:9	.012	.161	.0016 (60~)	300-700	Fig. 16C	6.75	1-2	3-4
115 C	D-89537	No	1:10	.012	1.54	.0016 (60~)	300-700	Fig. 16C	6.75	1-2	3-4
115 D	D-89534	No	1:16	.006	.014	.0016 (60~)	300-700	Fig. 16C	6.75	3-4	1-2

* E - Electrostatic Shield

M - Magnetic Shield

REPEATING COILS

Code	Reference Number	Shield*	Impedance Ratio	Max. D.C. Resistance		Min. L. Low Wdgs. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs.	Low Windings	High Windings
				Low Wdgs.	High Wdgs.						
118 A	W 7164 D-87744	No	200:200	14.5	14.5	1.5	50-7000	Fig. 20	2.5	1-2 5-6	3-4 7-8
118 B	W 8679		500:517000	146	1500	.4	35-10000	Fig. 20	2.5	1-2	3-4
119 A		E	600:40	2.2	29.5	19.2 (High Side)	35-8500	Fig. 12	4.	1-2 5-6	3-4 7-8
119 B	W 8077 D-91918	No	600:37	2.5	40	27.0 (High Side)	35-8000	Fig. 12	4.	1-2 5-6	3-4 7-8
119 C	W 8068 D-91915	E	1:1.15	50	55	27	35-8000	Fig. 12	4.	3-4 7-8	1-2 5-6
119 D	W 21653	No	600:218	9.8	22.8	27 (High Side)	35-8000	Fig. 12	4.	1-2 5-6	3-4 7-8
119 E	W 28165	E	600:600	40	40	27	35-8000	Fig. 12	4.	3-4 7-8	1-2 5-6
120 C	W 8486	No	1:1	12.7	17.8	.55	Voice	Fig. 11	2.2	3-4 7-8	1-2 5-6
120 D	W 9576	No	1.5:1	12.7	29.2	.55	Voice	Fig. 11	2.2	3-4 7-8	1-2 5-6
120 E	W 20046	No	1:1.5	11.5	12.7	.55 (High Side)	Voice	Fig. 11	2.2	1-2 5-6	3-4 7-8
120 F	W 20394	No	1:2.5	5.70	19	.32	Voice	Fig. 11	2.2	1-2 5-6	3-4 7-8
120 G	W 21015	No	1:2.5 1:1.5	5.7	19	.32	Voice	Fig. 11	2.2	1-2 5-6	4H-5 & 8-7H 4L-5 & 8-7L
120 H		No	1:1	12.7	17.8	.55	Voice	Fig. 11	2.2	3-4 7-8	1-2 5-6
120 J		No	1:1.5	12.7	29.2	.55	Voice	Fig. 11	2.2	3-4 7-8	1-2 5-6
120 K		No	1:1.5	11.5	12.7	.55 (High Side)	Voice	Fig. 11	2.2	1-2 5-6	3-4 7-8
120 L		No	1:2.5	5.7	19.0	.32	Voice	Fig. 11	2.2	1-2 5-6	3-4 7-8

* E - Electrostatic Shield

M - Magnetic Shield

REPEATING COILS

Code	Reference Number	Shield*	Impedance Ratio	Max. D.C. Resistance		Min. L Low Wdgs. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs.	Low Windings	High Windings
				Low Wdgs.	High Wdgs.						
120 M	W 24210	No	1:1.33 1-2 or 3-4 5 -6 1:86.8 1-2 or 3-4 5 -7	19.7	580	.35 (5-6)	Voice	Fig. 11	2.2	1-2 3-4	5-6-7
120 N	W 24074	No	1:2(7-8)(9-10):(1-2) (3-4)(5-6)	13.1	13.9	.34	Voice	Fig. 11	2.2	7-8 9-10	1-2 3-4 5-6
120 P	W 24073	No	3:1(1-2)(3-4)(5-6): (7-9)(10-12) 5:1(1-2)(3-4)(5-6): (8-9)(10-11)	15.9	26.7	.4	Voice	Fig. 11	2.2	7-12 8-11	1-2 3-4 5-6
121 A				78. (Both wdgs. S.O.)		3.	Voice	11 3/4 x 13 1/4 x 14 3/4	92	Blk-Rd-Wht	Blk-Wht
123 A	W 9011	E	600:600	13.4	15.	.68	5000-30000	Fig. 12	4.	1-2 5-6	3-4 7-8
124 B	W 21190 D 97583	No	200:600	19.4	56	.46 High Side	Voice	Fig. 2B	2	3-4 7-8	1-2 5-6
124 C	W 24448	E	600:135+135	4.1	8.1		60000-108000	Fig. 2B	2	3-3T-4 5-6T-6	1-2
124 D		E	600:135+135	4.1	8.1		60000-108000	Fig. 2B	2	3-3T-4 5-6T-6	1-2
124 F	W 28302	E	700:135+135	4.1	8.7	.023 High Side	60000-108000	Fig. 2B	2	3-3T-4 5-6T-6	1-2
129 A	W 9482	E	15:600	.74	21	.82 High Side	1000	Fig. 2B	2	1-2 5-6	3-4 7-8
132 A	W 8947 D-93569	No	200:350	5.29	11.1	.254 (Both wdgs. S.A.)	250-7000	Fig. 8	0.25	1-2	3-4
134 A	W 9668	No	300:0.75	7.8	4900	0.35	200-3000	Fig. 21A	3	2-1 6-5	4-3 8-7

* E - Electrostatic Shield

M - Magnetic Shield

REPRATING COILS

Code	Reference Number	Shield*	Impedance Ratio	Max. D.C. Resistance		Min. L Low Wdgs. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs.	Low Windings	High Windings
				Low Wdgs.	High Wdgs.						
135 B		No	25.2:1 (Turns)	127	1300	.4	35-10000	Fig. 21A	2.75	1-2	3-4
137 A	W 9045 D-93957	E	100:1000	0.5	5	.002 High Side	550000-1500000 550000-1500000	3 7/16x1 11/16x3 3/4	1.12	1-2 5-6	3-4 7-8
139 A		E	50:800	6.3	100	1.35 High Side	200-3000	Fig. 5	2.5	1-2	3-4
140 A	W 9540	E & M	600:5500	80.	570	36.1 High Side	60-10000	1 1/4x2 19/32x2 19/32	.5	1-2	3-4 5-6
140 B	W 9755	E & M	600:600	50	59	3.0	60-10000	1 1/4x2 19/32x2 19/32	.5	1-2 3-4	5-6
140 C	W 25614	E & M	600:6	0.52	54.	3 High Side	60-10000	1 1/4x2 19/32x2 19/32	.5	1-2	3-4 5-6
141 A		M	Phonograph Coupling Coil - Special Characteristics					Fig. 21A	3		
144 A		No	1400:25	.42	8.8	.027 High Side	64000-108000	3 13/32x1 19/32x1 1/8	.5	1-2-3	4-5
146 A	W 22230	E	135:600	1.9	8.8	1.8 High Side	200-150000	Fig. 2B	2	1-2 5-6	3-4 7-8
146 B	W 22180	E	20:67.5	0.20	0.60	.002 High Side	4000-3000000	Fig. 2B	3	1-2	3-4
146 C	W 22201	E	125:125	0.6	0.7		35000-500000	Fig. 2B	2	3-4 7-8	1-2 5-6

* E - Electrostatic Shield

M - Magnetic Shield

REPEATING COILS

Code	Reference Number	Shield *	Impedance Ratio	Max. D.C. Resistance		Min. L. Low Wdgs. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs.	Low Windings	High Windings
				Low Wdgs.	High Wdgs.						
146 D	W 22434	E	125:125	.6	.6		35000-150000	Fig. 2C	2	1-2	3-4 5-6
146 E	W 22210 D-99019	E	140:250	1.0	1.5		12000-108000	Fig. 2C	2	1-2	3-4-5
146 F	W 22211 D-99298	E	600:250	1.5	4.0		12000-108000	Fig. 2C	2	3-4-5	1-2
146 G	W 24192	E	600:135	.64	1.75	.09 (3-4) & (7-8) in parallel	60000-108000	Fig. 2B	2	1-2 5-6	3-4 7-8
146 H	W 24323	E	600:125	.43	5.1		36000-84000	Fig. 2C	2	3-4 5-6	1-2
146 J	W 25087	E	125:50	.47	1.05	.022 (High Side)	35000-1000000	Fig. 2B	2	3-4 5-6	1-2
146 K	W 25088	E	125:67	.51	1.00	.022 (High Side)	35000-1000000	Fig. 2B	2	3-4 5-6	1-2
146 L	W 25089	E	125:82	.61	1.05	.022 (High Side)	35000-1000000	Fig. 2B	2	3-4 5-6	1-2
146 M	W 25090	E	125:95	.65	1.05	.022 (High Side)	35000-1000000	Fig. 2B	2	3-4 5-6	1-2
146 N	W 25092	E	125:160	1.00	.79	.022	35000-1000000	Fig. 2B	2	1-2	3-4 5-6
146 P	W 25091	E	100:135*135	.62	2.3	.02	60000-500000	Fig. 2B	2	1-1T-2	3-3T-4 5-6T-6
146 S	W 24449 D-157403	E	170:135*135	1.8	3.2	.07	12000-230000	Fig. 2B	2	1-1T-2	3-3T-4 5-6T-6
146 T	W 27301	E	600:600*600	31	29.3 29.3		200-3500	Fig. 2B	2	1-2	3-4-5 6-7-8
146 U	W 26239	E	600:600	17.6	21		4000-31000	Fig. 2B	2	3-4 7-8	1-2 5-6
146 W	W 28303	E	108:700	.61	2.03	.10 (5-6) & (7-8) in parallel	60000-108000	Fig. 2B	2	1-2 3-4	5-6 7-8

*E - Electrostatic Shield

M - Magnetic Shield

REPEATING COILS

Code	Reference Number	Shield*	Impedance Ratio	Max. D.C. Resistance		Min. L. Low Wdgs. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs.	Low Windings	High Windings
				Low Wdgs.	High Wdgs.						
146 Y	W 25880 D-158786	E	72:68	.77	.55	0.11 (High Side)	60000-525000	Fig. 2B	2	3-4 5-6	1-2
146 AA	W 25879 D-158785	E	72:91	.53	.85	0.11	60000-525000	Fig. 2B	2	1-2	3-4 5-6
146 AB	W 26663	E	135:135+540	.72	4.8		60000-108000	Fig. 2B	2	1-2	3-4-5 6-7-8
146 AC	W 26386	E	285:135	.68	1.31	.037	60000-300000	Fig. 2B	2	1-2 3-4	5-6 7-8
146 AK		E	135:135+135	1.6	3.2	.055	10000-100000	Fig. 2B	2	1-17-2	3-37-4 5-67-6
147 A	W 22347	D	600:20 133:19	0.20	5.3	.009 (High Side)	60000-150000	Fig. 2A	1.25	1-2	3-4 5-6
148 A	W 22601	No	12:125	.04	.35		300000-550000	1 17/64 x 1 1/2 x 3 15/32	.44	1-2	3-4
148 B	W 25878 D-158784	No	11:125	0.05	0.40		420000-612000	1 17/64 x 1 1/2 x 3 15/32	.44	1-2	3-4
150 A	W 22014 D-99159	No	2000:600	10.3	45.3	.82 (High Side)	4000-10000	Fig. 2B	2	1-2	3-4 5-6
150 B	W 22187 D-99160	No	1200:600	9.9	27.6	.465 (High Side)	4000-10000	Fig. 2B	2	1-2	3-4 5-6
151 A	W 22013 D-99161	No	1600:600+600	35.0	58.6	3.2 (High Side)	250-3000	Fig. 11	2.5	3-4 7-8	2-1 6-5
151 B	W 21262 D-97584	No	600:600+600	36	24	2.5 (High Side)	Voice	Fig. 11	2.5	3-4 7-8	1-2
152 A	W 22780	M	600:200	39.0	110.0	0.3	100-5000	Fig. 7	1	1-2 3-4	5-6
153 A	W 22839	E	500:200:30	4.6 3.0 (2-3)	14.3	2.0	50-10000	3 15/16 x 4 7/8 x 2 11/16	3.	1-2-3-4	5-6-7-8
154 A	W 22027 D-99122	No	60:6+300	16.2	69	30 (High Side)	200-3000	Fig. 2B	2.25	1-2	3-4 5-6

* E - Electrostatic Shield

M - Magnetic Shield

REPEATING COILS

Code	Reference Number	Shield*	Impedance Ratio	Max. D.C. Resistance		Min. L Low Wdgs. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs.	Low Windings	High Windings
				Low Wdgs.	High Wdgs.						
154 B	W 22028 D-99123	No	6:300	.056	30.3	15 (High Side)	200-3000	Fig. 2B	2.25	1-2	3-4
154 C		No	30400:500	38 (av.)	1238 (av.) 1628 (av.)		30-10000	Fig. 2B	2.25	1-2	3-4 5-6
155 A		E	100:100	.30	.30	.008	1000-1600000	3 1/4 diam. x 1 1/2	1.25	Red-Red White	Blue-Blue White
157 A	W 22940	E	52.5:600	1.15	7.9		5000-30000	3 1/2 x 3 1/16 x 2	2	Red-Red White Green- Green Wh.	Blue-Blue White Br-Br White
159 A	W 21333 Mod D-98827	E	1400:400+400	5	11		64000-108000	7 25/32x1 11/16 x 4 3/8		3-ST-4 5-ST-6	1-2
159 B	W 28065	E	200:1400	.95	8.7	0.11(High Side)	64000-108000	7 25/32x1 11/16 x 4 3/8		3-4	1-2
160 A	W 22882 D-99814	E	26.3:3000 at 120000 cps 125:3550 at 340000 cps	.09	10		120000 340000	Fig. 2B	1.75	1-2 5-6	3-4
162 A	W 23829	E	1:1.12	38	40	15.0	35-8000	Fig. 16	8.5	3-4 7-8	1-2 5-6
163 A	W 24016	E	135:15000	1.40	70		61000	1 27/32x1 3/32 x 2 13/32	.25	1-2	3-4
165 A	W 24148	E	600:40000	.2	4.6	.000175	130000	Fig. 2A	1.25	1-2	3-4
166 A		E	600:240	4.6	14.3	2	50-10000	Fig. 12	3	1-4	5-8
167 A	W 22365 D-99653	E	125:142	.75	1.0		36000-150000	3 13/32x2 9/16 x 4 1/32	2.75	1-2	3-8 6-13
167 B	W 22429 D-99654	E	585:142	1.0	3.8		36000-150000	3 13/32x 2 9/16 x 4 1/32	2.75	3-8 6-13	1-2

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M - Magnetic Shield

REPEATING COILS

Code	Reference Number	Shield*	Impedance Ratio	Max. D.C. Resistance		Min. L. Low Wdgs. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs.	Low Windings	High Windings
				Low Wdgs.	High Wdgs.						
167 C	W 28959 D-156099	E	125:245 (1-2):(7-8)(6-9)	.75	1.9		36000-150000	3 13/32 x 2 9/16 x 4 1/32	2.75	1-2	3-8 6-10
167 D	W 28960 D-156100	E	585:245 (1-2):(7-3)(6-9)	1.9	3.8		36000-150000	3 13/32 x 2 9/16 x 4 1/32	2.75	3-8 6-10	1-2
168 A	W 24506 D-157351	E	135:25000	3.5	115		58000-111000	Fig. 2B	1.5	1-2 3-4	5-6
169 A	W 25317	E	135:22500	1.42	165		60000-108000	Fig. 2B	2	1-2	3-4
169 B	W 25437	E	135:24500	1.56	200		60000-108000	Fig. 2B	2	1-2	3-4
169 C	W 25902	E	135:18500	1.60	161		60000-108000	Fig. 2B	2	1-2	3-4
169 D	W 26307 D-160692	E	135:21000	3.24	234		12000-60000	Fig. 2B	2	1-2	3-4
170 A	W 25413	E	420:2140	92	500		80-15000	Fig. 7	1.25	1-2	3-4
170 B	W 26162	E & M	600:600	124	100	14	30-10000	Fig. 7	1.25	1-2 3-4	5-6-7
171 A	W 25492	No	Phonograph Coupling Coil - Special Characteristics					3 13/16 x 2 9/16 x 3 7/8	2		
172 A	W 25772	M	30:250	(Av) 5	(Av) 45	(Av) 9	55-15000	1 3/4 dia x 2 11/32 high	.5	Low	High
173 A	W 25283 D-157891	E	2:1	42	21 21	1.1	Voice	Fig. 11	2.2	1-2, 5-6	3-4, 7-8 9-10, 11-12
173 B	W 25284 D-157890	E	3.38:1	42	43 43	1.1	Voice	Fig. 11	2.2	1-2, 5-6	3-4, 7-8 9-10, 11-12
173 C	W 25285	E	4.60:1	42	62 62	1.1	Voice	Fig. 11	2.2	1-2, 5-6	3-4, 7-8 9-10, 11-12
173 D	W 25282	E	1.20:1	42	26.6	1.1	Voice	Fig. 11	2.2	1-2, 5-6	3-4, 7-8 9-10, 11-12
173 E		E	2:1	42	42	1.1	Voice	Fig. 11	2.2	1-2, 5-6	3-4, 7-8 9-10, 11-12

* E - Electrostatic Shield

M - Magnetic Shield

REPEATING COILS

Code	Reference Number	Shield*	Impedance Ratio	Max. D.C. Resistance		Min. L Low Wdg. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs.	Low Windings	High Windings
				Low Wdg.	High Wdg.						
174 A	W 26666	E	600:100000 600:100000	10.3 10.3	1840 1840		255-3145	2B	2.75	1-2 5-6	3-4 7-8
175 A	W 26478		1:1	82	118	12	50-10000	2B	2	1-2, 3-4	5-6 7-8
176 A		No	600:600	35 Min. 47 Max.	35 47	.6 (High Side)	Voice	2 1/16 x 3 15/16 x 3 15/16	2.75	1-2 5-6	3-4 7-8
177 A	W 26647	E & M	600:46000	32.7 each wdg.	1885		Voice	Fig. 28	1.25	1-2 3-4	7-8
177 B	W 26649	E & M	600:200(7-9): (1-2, 3-4) 600:6000(7-9):(5-6)	7.71 each wdg.	17.5 (7-9) 690 (5-6)		Voice	Fig. 28	1.25	1-2 3-4	7-9 5-6
177 C	W 34285	E & M	1:1	6.5 av. each winding		1 av.	Voice	Fig. 28	1.25	(1-2-3) (4-5)	(7-8-9) (10-11)
178 A	W 25665 D-158801	E	72:72+72:72	.28 1-2 or 7-8	.86 3-4 or 5-6		68000-2044000	2 9/16 x 4 5/16 x 3 7/16	3.5	1-2 7-8	3-4 5-6
179 A	W 26667	E	2700:25000	23.1	98.4		60000-108000	Fig. 2A	1.25	1-2 3-4	5-6-7
179 B	W 28841	E	70:20000	.25	13		455000	Fig. 2A	1.25	1-2 3-4	5-6-7
180 A	W 28815	E	600:870	35.4	23.5	7 (1-2)	35-10000	2 9/16 x 4 5/16 x 4 3/8	4.25	1-2 5-6	3-4 7-8
181 A	W 28174	E	2000:2000	8.08	8.20	.00165 (1-2)(3-4)	78000	Fig. 2A	1	1-2	3-4
182 A	W 25904 D-158799	E	72:72+72	.26	.81		300000-2400000	Fig. 2B	1.5	1-2	3-4-5
183 A	W 27830 Mod.	No	7000:20	.14	6.50		120000	Fig. 27	.75	1-2	3-4 5-6
183 B	W 30111	E	1800:135	.81	12	.00147	60000-108000	Fig. 27	.75	1-2	3-4
183 C	W 29199	E	216:1	.096	21.5	.000250	79500-88000	Fig. 27	.75	1-2	3-4 5-6
184 A	W 28469	No	25:900	.58	6.80	.14 (High Side)	60000-110000	1 9/16 x 1 1/8 x 3 1/4	.5	1-2-3	4-5

* E - Electrostatic Shield

M - Magnetic Shield

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Sheet 31

REPEATING COILS

Code	Reference Number	Shield*	Impedance Ratio	Max. D.C. Resistance		Min. L. Low Wdgs. (Henrys)	Frequency Range (Cycles)	Size - Inches	Weight Lbs.	Low Windings	High Windings
				Low Wdgs.	High Wdgs.						
185 A	W 28761	E	135:1619				60000-300000	Fig. 27	.75	1-2	3-4-5
185 B	W 28781 D-161204	E	135:30000				60000-108000	Fig. 27	.75	1-2-3	4-5
185 C	W 27283	E	1800:135	1.35	20	.40 (High Side)	60000-108000	Fig. 27	.75	1-2-3	4-5
185 D	W 31562	E	135:18800	1	60		60000-108000	Fig. 27	.75	1-2	3-4
186 A	W 24221	E	135:135	.87	1.20	.060	5000-150000	1 11/16 x 3 13/32 x 4 3/8	2.75	Red-Red Wh. Blue-Blue Wh	
187 A	W 28301	E	135:870	1.05	8.7	.001050	79000-88000	1 19/32 x 2 17/32 x 2 9/16	.75	1-2	3-4
188 A	W 26574	Double E	72:72	.10	.12	.000750	50000-10000000	3 13/32 x 1 11/16 x 4 1/2	2	1-2	3-4
189 A	W 28417	No	1:1 1:8	25.3 (1-C) 25.3 (C-2)	56	.52 (High Side)	Voice	Fig. 26	.75	1-2 4-5	3-4-5-6 3-4-5-6
189 C	W 34250	No	4000:600+600	61.4	355	.12 (1-2,3-4) (.080 amp.d.o.)	200-3000	Fig. 26	.75	1-2,3-4 5-6	7-8
191 A	W 31431	No	2500:72	.8	13.0	.00518 (High Side)	64000-308000	1 11/16 x 3 9/32 x 3 7/16	1.5	1-2	3-4
192 A	W 32186	No	900:25	.21	38	.000210	64000-108000	Fig. 27	.75	1-2-3	4-5
193 A	W 33818	No	72:2100	.45	12.5		60000-1500000	1 3/4 x 3 13/32 x 3 7/16	1.75	1-2	3-4
194 A	W 29198	E	16.25:1	2.34	1.40		79500-88000	Fig. 2A	.75	1-2 3-4	5-6
195 A	W 26561 Mod.	No	72:6500	.8	2.8	.000548 (High Side)	556000-808000	Fig. 27	.75	1-2	3-4
196 A	W 34305	E	72:17400		18	.001715 (High Side)	556000	1 11/16 x 1 11/16 x 5 9/32	.6	1-2	3-5
197 A	W 34487	E	75:110	.11	.09	.180	50-6000000	3 7/16 x 5 3/16 x 4 13/32	9	1-2	3-4-5

* E - Electrostatic Shield

M - Magnetic Shield

RETARDATION COILS

Code	Reference Number	Total D.C. Resistance		Total Inductance		Size - Inches	Weight Lbs.	Windings	Watts Safe Heat Dissipation	Superimposed D.C. Amps. to Reduce Ind. 15%
		Minimum	Maximum	Minimum	Maximum					
				(Henry's)						
67A	D-14388	6.21	7.59	.003	-	13/16 x 1 3/8 x 1 3/8	.05	1-2	.5	
67D		167	190	.019030	.025624	13/16 x 1 3/8 x 1 3/8	.05	1-2	.5	
67E		.41	.43	.000114	.000127	13/16 x 1 3/8 x 1 3/8	.05	1-2	.5	
67F			3.2	.0003	-	13/16 x 1 3/8 x 1 3/8	.05	1-2	.5	
67G	D-88440		47.0	.0147	-	13/16 x 1 3/8 x 1 3/8	.05	1-2	.5	
67H	W-20788	6.0	6.6	.00225	.002346	13/16 x 1 3/8 x 1 3/8	.05	1-2	.5	
116A		2.34	3	.003	-	1 3/16 x 2 1/4 x 2 1/4	.3	1-2	2.5	
135A	W-6888		400	60	70	Fig. 13	4.5	1-2 & 3-4	6.0	
146A	W-7008		.2E	.27	-	5 1/2 x 7 3/4 x 6 3/4	39	1-2	38	(.25 H. with .5 amp. d-c.)
146B	W-8124		50.0	7.3	-	5 1/2 x 7 3/4 x 6 3/4	39	1-2	38	(7.5 H. with .6 amp. d-c.)
146B	W-7188		5300	250	-	Fig. 20	2.5	1-2 & 3-4	5	
146D	W-8653		800	30 (.040 amp. D.C.)	-	Fig. 20	2.5	1-2	5	(33 H. with .040 amp. d-c.)
148E	W-8654 D-93812		5400	350 (.0045 amp. D.C.)	-	Fig. 20	2.5	1-2	5	(400 H. with .0045 amp. d-c.)
149A	W-7823		100	4.3 (900~)	-	Fig. 11	2.75	1-2 & 3-4	6.0	.125
149B	W-7699		234	25.0 (20~ 8 mils) 16.0 (1000~ 3V)	-	Fig. 11		1-2 & 3-4		.020
149C	W-8749		4600	120		Fig. 11	2.75	1-2 & 3-4	6.0	.0008
149D	W-20677		400	46	54	Fig. 11	2.75	1-2 & 3-4	6.0	.015
149E			100	6.6	8.0 (.005 amp. D.C.) 20~	Fig. 11	2.75	1-2 & 3-4	6.0	.125
149F	W-20992 D-98832		75	4.0	-	Fig. 11	2.75	1-2	6.0	
149G		115 (ea. wdg.)	117 (ea. wdg.)	25	-	Fig. 11	2.75	1-2 & 3-4	6.0	

RETARDATION COILS

Code	Reference Number	Total D.C. Resistance		Total Inductance		Size - Inches	Weight Lbs.	Windings	Watts Safe Heat Dissipation	Superimposed D.C. Amps. to Reduce Ind. 15%
		Minimum	Maximum	Minimum	Maximum					
				(Henrys)						
149H	W-21285 D-98826		25	.8	-	Fig. 11	2.75	1-2	6.0	
149J			75	4.0	-	Fig. 11	2.75	1-2	6.0	
149K			234	27	33	Fig. 11	2.75	1-2 & 3-4	6.0	
153A	W-7991		4.1	.00143	.00158	3/4 x 1 1/8 x 1 1/8	.07	1-2	.5	
158A	W-7555		160.0	5.4	6.2	Fig. 17	12.5	1-2 & 3-4	12.5	
161A	W-6924 D-85747		2.0 ea. wdg.	.0005	-	1 15/32 x 7/8 x 11/32		1-2 & 3-4		
167A			220.0	2.7	3.1	Fig. 2-B	2.2	1-2 & 3-4	6	
167B			516.0	5.5	6.3	Fig. 2-B	2.2	1-2 & 3-4	6	
167C			528.0	5.88	6.12	Fig. 2-B	2.2	1-2 & 3-4	6	
167D			36	.765	.781	Fig. 2-B	2.2	1-2 & 3-4	6	
167F			22	.845	.856	Fig. 2-B	2.2	1-2 & 3-4	6	
167G	W-26530		38	1.118	1.130	Fig. 2-B	2.2	1-A, A'-6	6	
167H	W-26531		34	.8852	.8940	Fig. 2-B	2.2	1-A, A'-6	6	
167J	W-26532		25	.6809	.6876	Fig. 2-B	2.2	1-A, A'-6	6	
167K	W-26533		23	.5928	.5988	Fig. 2-B	2.2	1-A, A'-6	6	
167L	W-26534		17.5	.5032	.5082	Fig. 2-B	2.2	1-A, A'-6	6	
167M	W-26534		16	.4366	.4410	Fig. 2-B	2.2	1-A, A'-6	6	
172B	W-9090		31.0	18.0 (.060 amp. D.C.)		4 3/4 x 3 3/8 x 3 1/2	6	1-2	6	(18.5 H. with .120 amp. d-c.)
174A	W-7862 D-90621		1690	30		Fig. 9	.5	1-2	3	.030
174B	W-8751		35	.80		Fig. 9	.5	1-2	1	
175A	D-86075		.6	.0012		1 27/64 dia. x 2 7/8 long		1-2 & 3-4		
176A	D-91882		850	35		Fig. 21A	3.25	1-2 & 3-4	4	.010

RETARDATION COILS

Code	Reference Number	Total D.C. Resistance		Total Inductance		Size - Inches	Weight Lbs.	Windings	Watts Safe Heat Dissipation	Superimposed D.C. Amps. to Reduce Ind. 15%
		Minimum	Maximum	Minimum	Maximum (Henry's)					
176C	W-9905		5400	350	(.0045 amp. D.C.)	Fig. 21A	3.25	1-2	4	(400 H. with .0045 amp. d-c.)
176D	W-9486		800	30	(.040 amp. D.C.)	Fig. 21A	3.25	1-2	4	(33 H. with .040 amp. d-c.)
179A	W-9009		5400	350	(.0045 amp. D.C.)	Fig. 3	2.75	1-2	5	
181A	W-8883		80	5.40	6.20	Fig. 14	6.25	1-2 & 3-4	6	.3
182C			265	.91	.95	1 17/64 x 1 1/2 x 3 15/32	.5	1-2 & 3-4	3	.09
182D			21.3	.03435	.03505	1 17/64 x 1 1/2 x 3 15/32	.5	1-2	3	
182F			21.4	.0348	.0359	1 17/64 x 1 1/2 x 3 15/32	.5	1-2 & 3-4	3	
182G			12.8	.0203	.0209	1 17/64 x 1 1/2 x 3 15/32	.5	1-2 & 3-4	3	
182H			19.6	.0290	.0299	1 17/64 x 1 1/2 x 3 15/32	.5	1-2 & 3-4	3	
182J			12.0	.0177	.0183	1 17/64 x 1 1/2 x 3 15/32	.5	1-2 & 3-4	3	
182K			18.2	.0253	.0261	1 17/64 x 1 1/2 x 3 15/32	.5	1-2 & 3-4	3	
182S	W-8953 D-93417		54	.196	.204	1 17/64 x 1 1/2 x 3 31/64	.5	1-2	3	.17
182T	W-22307	14.25	15.75 (2-3) 32.0 (1-3)	- .110	.15	1 17/64 x 1 1/2 x 3 31/64	.5	1-2-3	3	.3
182U	D-99341		1.27	.00643	.00657	1 17/64 x 1 1/2 x 3 31/64	.5	1-2	3	
182W	D-98831		3.28	.00475	.00585	1 17/64 x 1 1/2 x 3 31/64	.5	1-2	3	
184A	W-8959			.00260		1 5/8 x 1 15/32 x 3 1/2	.75	1-2 & 3-4	3	
189A	W-9315		290	12 (.060 amp. D.C.)	-	3 5/8 x 3 1/4 x 3 3/8	3.5	1-2	7	(10 H. with .150 amp. d-c.)
195C	D-89046		23	.006541	.006687	2 13/32 x 1 1/2 x 2 27/32		1-2		
197A	W-9348 W-84491		290	12 (.060 amp. D.C.)		Fig. 18F	3.5	1-2	7	(10 H. with .150 amp. d-c.)
199A	D-90080		7.3	.45		Fig. 21A	5	1-2 & 3-4	6	

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RETARDATION COILS

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Code	Reference Number	Total D.C. Resistance		Total Inductance		Size - inches	Weight lbs.	Windings	Watts Safe Heat Dissipation	Superimposed D.C. Amps. to Reduce Ind. 15%
		Minimum	Maximum	Minimum (Henrys)	Maximum					
199C			530	19.8 (.060 amp.D.C.)	21.8 (.060 amp.D.C.)	Fig. 21A	3.5	1-2	7	(20.8 H. with .020-.070 amp.d-c.)
199D	W-20241	900	1060	38 (.055 amp.D.C.)		Fig. 21A	3.5	1-2	7	(44 H. with .035 amp. d-c.)
199E			18.	.7		Fig. 21A	3.5	1-2	7	0.65
200A			12	.000485	.000515	1 dia. x 1 5/32 long	.1	I-0		
200B			95	.01455	.01545	1 dia. x 1 5/32 long	.1	I-0		
200C			36	.0029	.0031	1 dia. x 1 5/32 long	.1	I-0	.5	
200D			120	.04074	.04326	1 1/8 dia. x 1 5/32 long	.1	I-0		
200H	D-98616		8	.00099	.00103	1 3/16 dia. x 1 5/32 long	.1	I-0		
200J			40	.00475	.00525	1 1/4 dia. x 1 5/32 long	.1	I-0		
200M			18.9	.00550	.00572	1 5/16 dia. x 1 5/32 long	.1	I-0		
200N			53	.00230	.00239	1 dia. x 1 5/32 long	.1	I-0		
200R			750.	.247	.257	1 5/16 dia. x 1 5/32 long	.1	I-0		
200S			1.5	.000211	.000219	1 1/16 dia. x 1 5/32 long	.1	I-0		
200T			76	.004975	.005025	1 dia. x 1 5/32 long	.1	I-0		
200U			3.5	.000376	.000384	1 dia. x 1 5/32 long	.1	I-0		
200W			.50	.0000215	.0000235	1 dia. x 1 5/32 long	.1	I-0		
200Y			440	.108	.113	1 3/16 dia. x 1 5/32 long	.1	I-0		
200AA			350	.069	.072	1 1/8 dia. x 1 5/32 long	.1	I-0		
200AD			64	.0095	.0105	1 1/8 dia. x 1 5/32 long	.1	I-0		
200AF			20	.00210	.00219	1 3/16 dia. x 1 5/32 long	.1	I-0		
200AG			47	.0050	.0052	1 1/4 dia. x 1 5/32 long	.1	I-0		
200AH			48	.0053	.0055	1 1/4 dia. x 1 5/32 long	.1	I-0		

RETARDATION COILS

<u>Code</u>	<u>Reference Number</u>	<u>Total D.C. Resistance</u>		<u>Total Inductance</u>		<u>Size - Inches</u>	<u>Weight Lbs.</u>	<u>Windings</u>	<u>Watts Safe Heat Dissipation</u>	<u>Superimposed D.C. Amps. to Reduce Ind. 15%</u>
		<u>Minimum</u>	<u>Maximum</u>	<u>Minimum</u>	<u>Maximum</u>					
200AJ			18	.00140	.00146	1 3/16 dia. x 1 5/32 long	.1	I-0		
200AK			45	.01425	.01575	1 1/4 dia. x 1 5/32 long	.1	I-0	.5	
200AN			28	.00170	.00180	1 dia. x 1 5/32 long	.1	I-0	.5	
200AS	D-99870		12.5		.007 (approx.)	1 3/4 dia. x 1 5/32 long	.1	I-0		
200AT	D-99871		4.5		.0017 (approx.)	1 7/16 dia. x 1 5/32 long	.1	I-0		
200AU			175	.0347	.0361	1 1/4 dia. x 1 5/32 long	.1	I-0		
200AW			67	.0119	.0134	1 1/4 dia. x 1 5/32 long	.1	I-0		
200AY			60	.0094	.0098	1 1/4 dia. x 1 5/32 long	.1	I-0		
200BA			35	.00575	.00600	1 1/8 dia. x 1 5/32 long	.1	I-0		
200BB			31	.00445	.00465	1 1/8 dia. x 1 5/32 long	.1	I-0		
200BC			28	.00347	.00361	1 1/8 dia. x 1 5/32 long	.1	I-0		
200BD			27	.00322	.00336	1 1/8 dia. x 1 5/32 long	.1	I-0		
200BE			21	.00208	.00217	1 dia. x 1 5/32 long	.1	I-0		
200BG			150	.024	.026	1 dia. x 1 5/32 long	.1	I-0		
200BH		88	106	.027	.029	1 1/4 dia. x 1 5/32 long	.1	I-0		
200BJ			3.6	.00050	.00055	1 1/8 dia. x 1 5/32 long	.1	I-0		
200BK	D-158813		.88	.000018	.000020	1 dia. x 1 5/32 long	.1	I-0	.5	
200BL	D-158814		1	.000022	.000024	1 dia. x 1 5/32 long	.1	I-0		
200BM	D-158815		1.1	.000027	.000029	1 dia. x 1 5/32 long	.1	I-0		
200BN	D-158816		.70	.000057 (Both wds. SA)	.000060	1 dia. x 1 5/32 high	.1	1-2 & 3-4		
200BF			6.2	.0013	.0014	1 dia. x 1 5/32 high	.1	I-0		
200BR	D-158899		18	.0047	.0053	1 1/16 dia. x 1 5/32 high	.1	I-0		

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RETARDATION COILS

Code	Reference Number	Total D.C. Resistance		Total Inductance		Size - Inches	Weight Lbs.	Windings	Watts Safe Heat Dissipation	Superimposed D.C. Amps. to Reduce Ind. 15%
		Minimum	Maximum	Minimum	Maximum					
				(Henry's)						
200BS			35	.0095	.0105	1 1/4 dia. x 1 5/32 high	.1	I-0		
200BT	D-159159		80	.0375	.0385	1 3/4 dia. x 1 5/32 high	.1	I-0		
200BU			115	.0193	.0195	1 1/8 dia. x 1 5/32 high	.1	I-0		
200BW			1.2 (ea. wdg.)	.000340 (Both wdg. SA)	.000360	1 1/4 dia. x 1 5/32 high	.1	1-2 & 3-4		
200BY	D-158344		.67	.000048	.000052	1 dia. x 1 5/32 high	.1	I-0		
200CA	D-158345		1.3	.000145	.000155	1 1/8 dia. x 1 5/32 high	.1	I-0		
200CB	D-158346		9.7	.000970	.001030	1 1/4 dia. x 1 5/32 high	.1	I-0		
200CC			1.3	.0000627	.0000693	1 dia. x 1 5/32 high	.1	I-0		
200CD			.89	.0000323	.0000357	1 dia. x 1 5/32 high	.1	I-0		
200CE			1.15	.000243	.000257	1 3/16 dia. x 1 5/32 high	.1	I-0		
200CF			3.4	.00080	.00084	1 dia. x 1 5/32 high	.1	I-0		
200CG			21 (ea. wdg.)	.0144 (Both wdg. SA)	.0156	1 3/8 dia. x 1 5/32 high	.1	1-2 & 3-4		
200CH			195	.048	.052	1 3/16 dia. x 1 5/32 high	.1	I-0		
200CI			12.7	.00192	.00208	1 dia. x 1 5/32 high	.1	I-0		
200CK			.50 (ea. wdg.)	.000095 (Both wdg. PA)	.000105	1 1/8 dia. x 1 5/32 high	.1	1-2 & 3-4		
200CL		1.7	2.3	.9	-	1 1/8 dia. x 1 5/32 high	.1	I-0		
203A	W-8866 D-93647		15.7	.21		Fig. 8	.2	1-2	1	.1
206A	W-20261		.0920	.011		6 3/4 x 4 1/8 x 4 1/8	13.5	1-2	15.0	(.009 H. with 9 amp. d-c.)
206B	W-20428		135	10.0		6 3/4 x 4 1/8 x 4 1/8	13.5	1-2	15.0	(10.9 H. with .200 amp. d-c.)
209A	W-9835		.23	.000238	.000246	1 1/2 x 1 17/64 x 3 5/32	.5	1-2	3	3.0
212B			850	80		Fig. 2-B	2.25	1-2	4	.003

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RETARDATION COILS

Code	Reference Number	Total D.C. Resistance		Total Inductance		Size - Inches	Weight Lbs.	Windings	Watts Safe Heat Dissipation	Superimposed D.C. Amps. to Reduce Ind. 15%
		Minimum	Maximum	Minimum	Maximum					
				(Henry's)						
213B	W-7735 D-90477		5800	187	(1-2)	Fig. 2-B	2.25	1-2 & 3-4	4	.001
216A	W-20894 D-96825		510	12.6		Fig. 5	2.75	1-2	4	(14 H. with .065 amp. d-c.)
220A	W-21446		3.1	.35		Fig. 18A	8	1-2	12.5	(.19 H. with 2.0 amp. d-c.)
220B	W-21566			17.0		Fig. 18A	8	1-2	9	(22 H. with .175 amp. d-c.)
220D	W-21530 D-96015		145	17.0		Fig. 18A	8	1-2	9	(13.6 H. with .165 amp. d-c.)
220E	Modified W-21980		1.0			Fig. 18A	8	1-2	9	(.14 H. with 0.6 amp. d-c.)
220F	W-21531 D-96016		145	12.5		Fig. 18A	8	1-2	9	(14 H. with .165 amp. d-c.)
220G	W-22769		.50	.100		Fig. 18A	8	1-2	9	(.043 H. with 1.75 amp. d-c.)
220H	W-22874		78	7.0		Fig. 18A	8	1-2	9	(7.5 H. with .225 amp. d-c.)
220J	W-26178		32.5	3.4		Fig. 18A	8	1-2	9	(3.6 H. with .5 amp. d-c.)
221A	W-21575		6300	160 (.005 amp. d-c.)		Fig. 7	1	1-2	2.0	
221B	W-21685		70	2.0 (.050 amp. d-c.)		Fig. 7	1	1-2	2.0	
221C	W-21853		800	5 (.045 amp. d-c.)		Fig. 7	1	1-2	2.0	
221D			1100	35 (.006 amp. d-c.)		Fig. 7	1	1-2	2.0	
221E	W-22354		1100	25 (.022 amp. d-c.)		Fig. 7	1	1-2	2.0	
221F	W-22456 D-99427		1100	22		Fig. 7	1	1-2	2.0	(30 H. with .028 amp. d-c.)
221G	W-23042		800	4.0 (.060 amp. d-c.)		Fig. 7	1	1-2	2.0	(4 H. with .130 amp. d-c.)
221H	W-22766		460	8.5 (.060 amp. d-c.)		Fig. 7	1	1-2	2.0	(12 H. with .060 amp. d-c.)

RETARDATION COILS

Code	Reference Number	Total D.C. Resistance		Total Inductance		Size - Inches	Weight Lbs.	Windings	Watts Safe Heat Dissipation	Superimposed D.C. Amps. to Reduce Ind. 15%
		Minimum	Maximum	Minimum	Maximum					
				(Henry's)						
222A			25	4.0		9 5/8 x 9 x 8 1/2	72	1-2	40	(4.7 H. with 1.2 amp. d-c.)
222B	W-21921		.26	.18		9 5/8 x 9 x 8 1/2	72	1-2	40	(.055 H. with 10 amp. d-c.)
223A			8	5		Fig. 2-B	2	1-2 & 3-4	6	.0003
225A			1.3			7/8 dia x 5/8 long	.1		.5	
227B		92	115	.5	.8	1 1/2 x 1 1/2 x 2		1-2		
228A	W-22194		.56	.180		10 3/16 x 9 x 8 1/2	80	1-2	45	(.08 H. with 9 amp. d-c.)
228B			.56	.180		9 29/32 x 9 x 9 3/16	80	1-2	45	(.08 H. " 9 " d-c.)
228C	W-25617		.22	.2		9 29/32 x 9 x 9 3/16	103	1-2	45	(.060 H. " 10 " d-c.)
230A		Suppression Coil for K Carrier				Unpotted		1-2, 3-4, 5-6, 7-8		
230B		Suppression Coil for K Carrier				Unpotted		1-2 & 3-4		
231A		Suppression Coil for K Carrier				Fig. 2-B	1.75	1-2, 3-4, 5-6, 7-8		
231B			1.1	.0860	.0272	Fig. 2-B	1.75	1-2 & 3-4		
231C	D-99737	Suppression Coil for J Carrier				Fig. 2-B	1.75	1-2 & 3-4		
231D	W-23866		120.	3.32	3.68	Fig. 2-B	1.75	1-2		
231E			440	8.16	8.84	Fig. 2-B	1.75	1-2 & 3-4		
231F			4.9	.13	.14	Fig. 2-B	1.75	1-2		
231G		Suppression Coil for K Carrier				Fig. 2-B	1.75	1-2 & 3-4		
232B			.48	.32		Fig. 2-D	2	1-2		
232C			1.15	.81		Fig. 2-B	2	1-2 & 3-4		
232D		Suppression Coil for K Carrier				Fig. 2-B	2	1-2, 3-4, 5-6, 7-8		
232E		Suppression Coil for K Carrier				Fig. 2-B	2	1-2 & 3-4		
233A	W-22752		.0040	.00120		14 1/8 x 9 x 8 15/16	120	1-2	50	(.0012 H. with 112 amp. d-c.)
233B	W-23222		.0320	.0140		12 5/8 x 9 x 8 3/4	120	1-2	50	(.016 H. with 25 amp. d-c.)

RETARDATION COILS

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Code	Reference Number	Total D.C. Resistance		Total Inductance		Size - Inches	Weight Lbs.	Windings	Watts Safe Heat Dissipation	Superimposed D.C. Amps to Reduce Ind. 15%
		Minimum	Maximum	Minimum	Maximum (Henrys)					
233C	W-26186		.0620			10 7/8 x 9 x 8 22/32	188	1-2	50	(.030 H. with 30 amp. d-c.)
234A	W-21951		2.3	.500		Fig. 23A	27	1-2	20	(.20 H. with 3 amp. d-c.)
234B	Modified W-22161		5.7	2.8		Fig. 23A	27	1-2	20	(.45 H. with 2 amp. d-c.)
240A	W-22784		.01250	.0019		Fig. 18B)	12	1-2	14	(.002 H. with 10 amp. d-c.)
240B	W-22787		355.	29.		) except with Fig. 18B) terminal	12	1-2	14	(23 H. with .175 amp. d-c.)
240C			.01250	.00155		) bushings Fig. 18B)	12	1-2	14	(.0011 H. with 20 amp. d-c.)
240D	W-22876		75.	7.8		Fig. 18B	12	1-2	14	(5.5 H. with .420 amp. d-c.)
240E	W-34251		.0270	.0035 (10 amp. d-c.)		4 5/16 x 5 1/2 x 4 9/16	12.25	1-2		
241A	W-22829		250.	18.0		Fig. 24	6.5	1-2	8	(16.0 H. with .150 amp. d-c.)
241B	W-24017		112.	8.6		Fig. 24	6.5	1-2	8	(10 H. with .210 amp. d-c.)
241C	Modified W-24061		.025	.000500		Fig. 24	6.5	1-2	8	(.0004 H. with 8 amp. d-c - 60 kc.)
241D	W-23900		260.	22.	30	Fig. 24	6.5	1-2	8	(18 H. with .175 amp. d-c.)
241E	W-24217		71.	6.8		Fig. 24	6.5	1-2	8	(6.5 H. with .250 amp. d-c.)
241F	W-25679		25 (ea. wdg.)			Fig. 24	6.5	1-2 & 3-4	8	(2.8 H. with 0.50 amp. d-c.)
241G	W-28430		.450	.028	.0375	Fig. 24	6.5	1-2	8	(.035 H. with 30 amp. d-c.)
243A	W-23052		.00570	.00145		Fig. 23B except with terminal bushings	37	1-2	23	(.0011 H. with 50 amp. d-c.)
246A	D-156247		Suppression Coil for J Carrier			4 1/2 x 2 x 3 7/8	2	1-2 & 3-4		
247A	W-21364 D-98824		4.5	.0788	.0804	5 3/16 x 4 3/8 x 5 3/16		1-2 & 3-4		
248A	W-21658 D-98825		4 KC Harmonic generator			Fig. 25	1.75	1-2		
250A	W-23727		50	.9 (.060 amp. d-c.)		2 3/8 x 1 1/2 x 1 3/8	.5	GN-C, LL-R	2.5	(.63 H. with .125 amp. d-c.)

RETARDATION COILS

Code	Reference Number	Total D.C. Resistance		Total Inductance		Size - Inches	Weight Lbs.	Windings	Watts Safe Heat Dissipation	Superimposed D.C. Amps. to Reduce Ind. 15%
		Minimum	Maximum	Minimum	Maximum					
				(Henry's)						
251A			5.1	.0171	.0189	1 17/64 x 1 1/2 x 3 15/32	.5	1-2 with tape		
251B			34.	.1305	.1595	1 17/64 x 1 1/2 x 3 15/32	.5	1-8 with tape		
252A	W-20293 D-96167		46.	7.65		7 1/4 x 6 x 5 5/8	35	1-2	20	(7.5 H. with .700 amp. d-c.)
255A	W-24144		.390			7 21/32 x 6 11/16 x 6 17/32	48.5	1-2	30	(.13 H. with 8 amp. d-c.)
256F			50	.9 (.060 amp. d-c.)		1 1/2 x 2 x 1 3/8	.375	GN-C, -1-R	2.5	(.63 H. with .125 amp. d-c.)
257A	W-24260 D-157235		5.8	.6	1.1	3 9/32 x 1 11/16 x 3 7/16	2.	1-2 & 3-4	6	
259A	W-25493		.00270	.0012		15 5/8 x 9 x 9 1/2	190	1-2	90	(.001 H. at 200 amp. d-c.)
260A			Suppression Coil for K Carrier			Unpotted		1-2, 3-4, 5-6, 7-8		
260B			Suppression Coil for K Carrier			Unpotted		1-2, 3-4		
261A			Suppression Coil for J Carrier			2 13/32 x 3 3/4 x 4 3/8	2.75	1-2, 3-4 5-6, 7-8		
262A			Suppression Coil for J Carrier			2 7/8 x 5 7/32 x 8 3/16	6	1-2, 3-4, 5-6, 7-8		
263A	D-157871	(1-2 to G)	1.45	.6	1.1	2 13/32 x 3 3/4 x 4 11/32	2.25	1-g-2	6	.080 amp.
264A	D-157895	(1-2 to G)	1.45	.6	1.1	4 11/16 dia. x 5 1/2 high	12.5	1-g-2	6	.080 amp.
266A			100	.4 (.100 amp. d-c.)		25/32 x 1 25/32 x 1		1-2		
268A	D-158496		85 cycle harmonic generator			Fig. 28		1-2		
269A	W-26456		5	700 Microhen		1/2 x 1 5/16 x 1 3/4	1 oz.	1-2		
271A	W-26595		5750	325 (.003 amp. d-c.)		Fig. 28	1	1-2		
272A	W-26960		75 (ea. wdg.)			5 29/32 x 6 11/16 x 6 5/8	32	1-2 3-4 5-6 7-8		

RETARDATION COILS

Code	Reference Number	Total D.C. Resistance		Total Inductance		Size - Inches	Weight Lbs.	Windings	Watts Safe Heat Dissipation	Superimposed D.C. Amps. to Reduce Ind. 15%
		Minimum	Maximum	Minimum (Henry's)	Maximum					
273A			87	3.44	3.48	4 5/16 x 1 11/16 x 4 13/32		1-6 with taps		
273B			242	8.55	8.73	4 5/16 x 1 11/16 x 4 13/32		1-2		
274D		161.50	178.50	.9		Fig. 26	2	1-2 & 3-4	6	
274F		950	1050	4.7 (ea. wdg.)		Fig. 26	2	1-2 & 3-4	6	
274G		475	525	8.4		Fig. 26	2	1-2	6	
274H		114	126	1.9		Fig. 26	2	1-2 & 3-4	6	
274J		475	525	7.35		Fig. 26	2	1-2 & 3-4	6	
274K		151	168	1.5		Fig. 26	2	1-2 & 3-4	6	
274L		380	420	5		Fig. 26	2	1-2 & 3-4	6	
274N		(232.5 475)	367.5 525	2 (3-4) (1-2) (5-6)		Fig. 26	2	1-2, 3-4, 5-6	6	
274P		888	982	10.0		Fig. 26	2	1-2	6	
274R		156.8	173.2	3.4		Fig. 26	2	1-2	6	
274S		28.5	31.5	.75		Fig. 26	2	1-2	6	
274T		152	168	.9		Fig. 26	2	1-2 & 3-4	6	
274U		142.5	157.5	3		Fig. 26	2	1-2	6	
274W		190	210	.475		Fig. 26	2	1-2 & 3-4	6	
274AB		47.5	52.5	1.3		Fig. 26	2	1-2	6	
274AC		86.4	105.6	2.5		Fig. 26	2	1-2 & 3-4	6	
275A			68	23 (.020 amp. d-c.)		3 7/16 x 4 5/8 x 4 1/2	8	1-2	8	
276A			Suppression Coil for J Carrier			3 11/32 x 4 23/32 x 5 19/32	3.5	1-2 & 3-4		
276B			Suppression Coil for J Carrier			3 11/32 x 4 23/32 x 5 19/32	3.5	1-2 & 3-4		
277A	W-28135		2350	270 (.007 amp. d-c)		Fig. 21A	3	1-2		

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RETARDATION COILS

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Code	Reference Number	Total D.C. Resistance		Total Inductance		Size - Inches	Weight Lbs.	Windings	Watts Safe Heat Dissipation	Superimposed D.C. Amps. to Reduce Ind. 15%
		Minimum	Maximum	Minimum	Maximum					
				(Henrys)						
278A	W-28955		.440	.008	.016	Fig. 28	1	1-2	4	(.01 H. with .64 amp. d-c.)
278B	W-31495		14.5	.600	.730	Fig. 28	1	1-3		
278C			200.	5 (.045 amp. d-c)		Fig. 28	1	1-3	-	
278D	W-34654		16.	.257 (no d-c. 60~)	.315	Fig. 28	1	1-3	-	
279A	W-28093 D-16051B		11	.0195	.0199	1 13/32 x 1 23/32 x 3 15/32		1-2-3		
279B	W-26475 Mod.		1.1	.00294	.00306	1 13/32 x 1 23/32 x 3 15/32		1-2 & 3-4		
281A	W-28429		2.15			5 5/32 x 6 11/16 x 6 5/8	26	1-2	20	(.027 H. with 3.0 amp. d-c.)
281B	W-34488		115	7.5 (0.280 amp d-c) 90. (.020 " ")		5 5/32 x 6 11/16 x 6 5/8	25	1-2	-	
282A	W-26654		126 KC Harmonic generator			1 x 3/16 x 1 1/2		1-2		
284A	W-25311 D-157922		175 ea. wdg.	8.4 7.3	9.1 (2-3) (.074 amp. d-c)	2 3/8 x 2 13/16 x 7 1/16	5.5	1-2 2-3	8	12 H. with .06 amp. d-c. in (1-2) 7 " " .13 " " " (2-3)
285A	Replaces D-156623		Suppression Coil for buried wire			3 3/4 x 2 13/32 x 3 7/8		1-2 & 3-4		
287A	W-28305		.125 (1-2) .175 (3-4)			5 29/32 x 6 11/16 x 7 29/32	39	1-2 & 3-4		
290A	W-33923		13.0	1.51 (150 Volts, 60~)	1.68	Fig. 29A	8.5	1-2		
291A	W-33924		14.8	2.41 (150 Volts, 60~)	2.66	Fig. 29B	10	1-2		
292A	W-33925		120	15.0 (200 Volts, 60~)	16.6	Fig. 29C	16	1-2		
293A			45 ea. wdg.	.412 (ea. wdg.)	.438	1 x 1 1/2 x 3 1/2		1-2 & 3-4		

RETARDATION COILS

Code	Reference Number	Total D.C. Resistance		Total Inductance		Size - Inches	Weight Lbs.	Windings	Watts Safe Heat Dissipation	Superimposed D.C. Amps. to Reduce Ind. 15%
		Minimum	Maximum	Minimum	Maximum					
				(Henry's)						
294A			.04	.00058	.00062	Unpotted		1-2		
295A	W-33816		1.19			3 3/4 x 3 7/8 x 5 1/2	9	1-2-3		
	(Saturable inductor)		1.19					4-5-6		
			4800					7-8		
296A			11.2	.000398	.000415	7/8" dia. x 1" long	.01	I-0	1/4	
296B			51.5	.0049	.0056	"	.02	I-0	1	
296C			15.	.004	.0044	"	.04	I-0	2	
296D			13	.004	.0044	"	.04	I-0	2	
296E			51	.00202	.00211	"	.02	I-0	1/2	
297A	W-27625		4.20	.50		3 1/8 x 2 1/2 x 3 3/16	3.63	1-2	-	
				(0.50 amp. d-c.)						
297B	W-27626		98	10.		"	3.63	1-2	-	
				(0.125 amp. d-c.)						
298A	W-27627		105	6.0		2 1/8 x 2 1/2 x 3 3/16	2	1-2 & 3-4	-	
				(0.10 amp. d-c.)						
				(windings in series)						
300A		5 (1-2)	11 (1-7)	.95	1.10	3 7/16 x 4 5/8 x 5 3/8	10	1-7		
				(1-4) at 60~ 150 volts)						
301A	W-34404		95	8.5		4 5/8 x 4 7/16 x 4 3/8	11	1-2		
				(0.280 amp. d-c)						
302A		.02 (Nom.)			.00000039 (Nom.)	5/16 dia. x 3/4 long	Less than 1 oz.	1-2	1/4	
302B		.04 "			.00000055 "	" " "	" " "	1-2	"	
302C		.04 "			.00000060 "	" " "	" " "	1-2	"	
302D		.04 "			.00000062 "	" " "	" " "	1-2	"	
302E		.05 "			.00000066 "	" " "	" " "	1-2	"	
302F		.05 "			.00000070 "	" " "	" " "	1-2	"	
302G		.05 "			.00000073 "	" " "	" " "	1-2	"	
302H		.05 "			.00000077 "	" " "	" " "	1-2	"	
302J		.07 "			.00000081 "	" " "	" " "	1-2	"	

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Code	Reference Number	Total D.C. Resistance		Total Inductance		Size - Inches	Weight Lbs.	Windings	Watts Safe Heat Dissipation	Superimposed D.C. Amps. to Reduce Ind. 15%
		Minimum	Maximum	Minimum	Maximum					
				(Henry's)						
302K		.09 (Nom.)		.00000102 (Nom.)		5/16 dia. x 3/4 long	Less than 1 oz.	1-2	1/4	
302L		.10	"	.00000107	"	" "	" " "	1-2	"	
302M		.13	"	.00000126	"	" "	" " "	1-2	"	
302N		.25	"	.00000190	"	" "	" " "	1-2	"	
302P		.56	"	.00000242	"	" "	" " "	1-2	"	
303A		.02	"	.00000011	"	" "	" " "	1-2	"	
303B		.02	"	.00000014	"	" "	" " "	1-2	"	
303C		.02	"	.00000015	"	" "	" " "	1-2	"	
303D		.02	"	.00000017	"	" "	" " "	1-2	"	
303E		.03	"	.00000023	"	" "	" " "	1-2	"	
303F		.03	"	.00000025	"	" "	" " "	1-2	"	
303G		.03	"	.00000031	"	" "	" " "	1-2	"	
303H		.04	"	.00000036	"	" "	" " "	1-2	"	
303J		.05	"	.00000070	"	" "	" " "	1-2	"	
304A		.006	"	- (Adjustable)		1/2" dia. x 1 5/8 long	.02	1-2	1/4	
304B	D-171557	4.5		.000040	.000125	" 1/2" dia. x 1 5/8 long	.02	1-2	1/4	
304C	D-172624	.80		.000012	.000036	" " "	.02	1-2	1/4	
304D	D-172401	.16		.000005	.000015	" " "	.02	1-2	1/4	
304E		.23		.000007	.000021	" " "	.02	1-2	1/4	
306A		2		.00775	.00791	1 x 3/16 x 1 1/2		1-2		
307B		515	10			Fig. 26	.75	1-2	6	.075
307C		153	1.4			Fig. 26	.75	1-2	6	
307D		4950	85			Fig. 26	.75	1-2	6	
307E		195.5	238.5	3		Fig. 26	.75	1-6 with taps	6	

RETARDATION COILS

<u>Code</u>	<u>Reference Number</u>	<u>Total D.C. Resistance</u>		<u>Total Inductance</u>		<u>Size - Inches</u>	<u>Weight Lbs.</u>	<u>Windings</u>	<u>Watts Safe Heat Dissipation</u>	<u>Superimposed D.C. Amps. to Reduce Ind. 15%</u>
		<u>Minimum</u>	<u>Maximum</u>	<u>Minimum</u>	<u>Maximum</u>					
				(Henrys)						
307F			2850	40		Fig. 26	.75	1-2	6	.003
307G	342	418		.55	.9	Fig. 26	.75	1-2 & 3-4	6	.085
307H	149	181		1.4		Fig. 26	.75	1-2	6	.070
307J	152	186		1.3		Fig. 26	.75	1-2 & 3-4	6	
307K	18	20		.4		Fig. 26	.75	1-2 & 3-4	6	
307L	40	50		2	2.7	Fig. 26	.75	1-2	6	.040
307M	340	400		7		Fig. 26	.75	1-2	6	.005
307N	370	450		5		Fig. 26	.75	1-2 & 3-4	6	.060
307P	153	187		2		Fig. 26	.75	1-2 & 3-4	6	.090
307R	36	44		1		Fig. 26	.75	1-2 & 3-4	6	.060
307S	190	210		2.1		Fig. 26	.75	1-2 & 3-4	6	.010
307T		2850		40	80	Fig. 26	.75	1-2	6	.003
307U	900	1100		25		Fig. 26	.75	1-2	6	
307W	4.5	5.5		.25		Fig. 26	.75	1-2	6	
307Y	715	785		.75		Fig. 26	.75	1-2	6	.1

FIA Type Retardation Coils: Unpotted toroidal coils for use in potted assemblies, Approx. diam 1 3/8 Approx. height 3/4

Code	D.C. Res.	Total Inductance		
	Max.	Min.	Max.	Term.
		(Henry's)		
FIA1	0.8	.00645	.00657	1-2
FIA2	4.1	.00389	.03151	1-2
FIA3	1.85	.01466	.01496	1-2
FIA4	6.6	.04887	.04985	1-2
FIA5	4.5	.03512	.0358	1-2
FIA6	3.1	.02365	.02415	1-2
FIA7	6.8	.04719	.04820	1-2
FIA8	1.6	.01163	.01198	1-2
FIA9	3.3	.02642	.02698	1-2
FIA10	12.5	.0980	.1002	1-2
FIA11	3.0	.0198	.0202	1-2
FIA12	1.4	.01119	.01141	1-2
FIA13	16	.1011	.1033	1-2
FIA17	1.00	.00465	.00477	1-2
FIA19	2.64	.0210	.0215	1-2
FIA20	1.28	.00792	.00812	1-2
FIA21	2.57	.0203	.0208	1-2
FIA22	2.57	.02018	.02062	1-2
FIA24	3.78	.02008	.02052	1-2
FIA26	5.0	.01574	.01606	1-2
FIA33	.60	.00178	.00182	1-2
FIA38	1.5	.00385	.00393	1-2, 3-4
FIA40	1.02	.00495	.00506	1-2
FIA41	1.02	.00505	.00515	1-2
FIA45	1.25	.00739	.00753	1-2
FIA47	2.5	.00750	.00766	1-2, 3-4
FIA48	1.3	.00777	.00793	1-2
FIA49	2.6	.00815	.00831	1-2, 3-4
FIA52	1.4	.00990	.01010	1-2
FIA55	1.6	.01183	.01207	1-2
FIA56	1.7	.01273	.01299	1-2
FIA59	6.4	.01782	.01818	1-2
FIA60	2.5	.01878	.01916	1-2
FIA63	2.7	.01956	.1996	1-2
FIA64	2.58	.02079	.02121	1-2
FIA69	8.6	.0317	.0324	1-2
FIA70	3.9	.03198	.03262	1-2
FIA72	4.14	.03465	.03535	1-2
FIA76	16	.0442	.0452	1-2
FIA81	15.6	.0589	.0601	1-2
FIA82	19	.0632	.0645	1-2
FIA84	8.6	.0676	.0690	1-2
FIA86	51.6	.2284	.2330	1-2
FIA87	28.2	.0836	.0854	1-2

Code	D.C. Res.	Total Inductance		
	Max.	Min.	Max.	Term.
		(Henry's)		
FIA93	39	.1054	.1076	1-2
FIA94	52	.1262	.1288	1-2
FIA95	54	.1304	.1330	1-2, 3-4
FIA97	77	.1588	.1652	1-2
FIA99	78	.1754	.1790	1-2, 3-4
FIA100	32	.1905	.1983	1-2
FIA101	96	.2525	.2576	1-2
FIA102	102	.3234	.3366	1-2
FIA103	97	.3842	.3926	1-2
FIA106	131	.805	.837	1-2
FIA107	134	.873	.907	1-2
FIA109	280	1.54	1.57	1-2, 3-4
FIA110	282	1.53	1.58	1-2
FIA111	330	1.905	1.983	1-2
FIA112	480	3.079	3.141	1-2, 3-4
FIA120	17.7	.1380	.1408	1-2
FIA124	7.6	.0676	.0690	1-2, 3-4
FIA127	6.7	.0549	.0559	1-2, 3-4
FIA128	7.5	.0663	.0677	1-2, 3-4
FIA129	11.3	.0972	.0991	1-2, 3-4
FIA131	7.8	.0695	.0709	1-2, 3-4
FIA136	7.1	.0582	.0593	1-2, 3-4
FIA138	7.2	.0621	.0633	1-2, 3-4
FIA140	7.8	.0606	.0618	1-2, 3-4
FIA146	3.6	.02584	.02636	1-2
FIA147	1.7	.01469	.01499	1-2
FIA148	1.5	.00929	.00947	1-2
FIA153	1.1	.00565	.00577	1-2
FIA155	2.5	.01400	.01430	1-2, 3-4
FIA156	3.8	.02100	.02144	1-2, 3-4
FIA158	5.4	.03043	.03107	1-2, 3-4
FIA161	5.3	.03836	.03912	1-2, 3-4
FIA162	6.9	.05739	.05861	1-2, 3-4
FIA163	8.3	.06326	.06454	1-2, 3-4
FIA164	13.2	.09554	.09746	1-2, 3-4
FIA165	16.2	.0982	.1002	1-2, 3-4
FIA167	11.8	.1029	.1051	1-2, 3-4
FIA168	16.9	.1063	.1085	1-2, 3-4
FIA169	14.4	.1068	.1090	1-2, 3-4
FIA170	14.9	.1109	.1131	1-2, 3-4
FIA171	15.0	.1136	.1157	1-2, 3-4
FIA172	18.6	.1132	.1178	1-2
FIA173	15.1	.1155	.1178	1-2, 3-4
FIA174	13.8	.1259	.1287	1-2, 3-4
FIA176	41	.3151	.3215	1-2, 3-4
FIA182	9.48	.0864	.0916	1-2, 3-4

FLA Type Retardation Coils: Unpotted toroidal coils for use in potted assemblies, Approx. diam 1 3/4 x 3/4 height

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Code	D.C. Res.	Total Inductance		
	Max.	Min.	Max.	Term.
		(Henry's)		
FLA183	30	.2350	.2398	1-2,3-4
FLA184	75	.5346	.5454	"
FLA185	12	.0873	.0891	"
FLA186	7	.0492	.0502	"
FLA187	18.2	.1304	.1330	"
FLA188	22	.1818	.1854	"
FLA189	23.4	.2059	.2101	"

CHOKE COILS

Code	Reference Number	Total D. C. Resistance		Total Inductance		Size - Inches	Weight in Lbs.	Watts Safe Dissipation	Superimposed D.C. Amps. Rated Value
		Minimum	Maximum	Minimum	Maximum (H)				
7-A	D-80569	-	.016	.0032	-	5 1/4 x 6 11/32 x 12 3/4	50	15	25
8-A	D-80570	-	.008	.0020	-	7 1/2 x 6 1/4 x 16	90	35	50
11-A	D-80573	-	.0013	.0011	-	12 1/4 x 16 5/8 x 30 3/8	650	150	300
12-A	D-80574	-	.0010	.0011	-	18 1/2 x 23 1/8 x 36 1/2	1200	190	400
13-A	D-80575	-	.00067	.0010	-	18 1/2 x 23 1/8 x 40 1/2	2000	250	600
14-A	D-80576	-	.00050	.0010	-	25 x 25 x 43 5/8	3000	300	800
15-A	D-80577	-	.00040	.0011	-	36 x 38 x 49	4600	440	1000

AUTO TRANSFORMERS

Code	Reference Number	Impedance Ratio	Max. D.C. Resistance		Min. L (H)	Frequency Range (Cycles)	Size in Inches	Weight Pounds	Low Wdgs.	High Wdgs.	Remarks
			Low Wdgs.	High Wdgs.							
4-A	-	2:1	120	142	High Wdgs. = 4	Voice	Fig. 13	4.5	1-2 5-6	1-2, 3-4 5-6, 7-8	
5-B	-	500:-	-	80	1-12 = 6	100-5000	Fig. 13	4.5	-	1-12	Terminals 2 to 11 in 2 db steps below terminal 1
6-A	-	1.7:1(turns)	-	80	-	16 2/3-20	4 1/2 x 4 x 2 1/2	3.5	1-2	1-3	
7-A	W-6721	500:16	-	12	1-13 = 9.0	60-5000	Fig. 13	4.5	2-13	1-13	Terminals 3 to 12 in 2 db steps below terminal 2
9-A	W-8138	500:16	-	12.0	1-13 = 9.0	60-5000	4 x 2 11/16 x 4 7/8	4.5	2-13	1-13	Terminals 3 to 12 in 2 db steps below terminal 2
10-A	W-8118	605:380	43.0	53.0	1-8 = 17	200-11000	4 1/8 x 2 5/8 x 4 5/8	4.5	3-4 7-8	1-2, 3-4 5-6, 7-8	
12-A	W-8379 D-92255	1.077:1	12	350	1-2, 3-4, 7-8 and 5-6 = 450	35-8000	4 3/16 x 2 9/16 x 4 17/32	4.5	1-2	3-4 7-8	
14-A	(Phantom Group Auto Transformer to Connect H-172-63 Cable to 104 M11) (Open Wire Line)					Voice	5 1/4 x 19 x 5 3/4	28			
14-B	(Phantom Group Auto Trans. to Connect H-88-50 Cable to 104 M11 Open) (Wire Line.)					Voice	"	28			
15-A	W-21638	2.15:1	26.7	122	1.5	Voice, 135~ and D.C. Teleg.	Fig. 12	(2-1)(6-5)(4-3)(2-1) (6-5)(8-7)			Used in side circuit of 14A & 16A Auto Trans.
15-B	W-21639	2:1	70	112	1.5	Voice, 135~ and D.C. Teleg.	Fig. 12	(9-10) (1-2)(9-10)(5-6) (3-4) (7-8)			Used in phantom circuit of 14A and 16A Auto Trans.

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AUTO TRANSFORMERS

<u>Code</u>	<u>Reference Number</u>	<u>Impedance Ratio</u>	<u>Max. D.C. Resistance</u> <u>Low Wdgs. High Wdgs.</u>		<u>Min. L (H)</u>	<u>Frequency Range (Cycles)</u>	<u>Size in Inches</u>	<u>Weight Pounds</u>	<u>Low Wdgs.</u>	<u>High Wdgs.</u>	<u>Remarks</u>
15-C	W-23561	1.6:1	11	184	2.0	Voice 135~ and D.C. Teleg.	Fig. 12		(2-1)(6-5)	(4-3)(2-1)(6-5)(8-7)	Used in side circuit of 14B & 16B auto trans.
15-D	W-23562	1.7:1	47	125	1.75	"	Fig. 12		(9-10)	(1-2)(9-10)(5-6)(3-4)(7-8)	Used in phantom circuit of 14B & 16B auto trans.
16-A	Eleot. same as 14-A except designed for outside mtg.					Voice	26 5/16 x 6 5/8 x 9	65			
16-B	Eleot. same as 14-B except designed for outside mtg.					Voice	"	65			
17-A		1.77:1					Fig. 11	1.75			
18-A	W-22589	500:-	-	27.6	1-15 = 4.5	50-10000	Fig. 18-A	8.0		1-15	Operates into various loud speaker impedances.
19-A	W-22590	500:-	-	13.7	1-15 = 5.4	50-10000	5 5/8x1 5/8x 7 3/16	27.0	2-15	1-15	Operates into various loud speaker impedances.
21-A	W-23521 Mod.	300:75	-	11.7	1-7 = 6.7	30-8000	Fig. 2B	2.0		1-7	
22-A	W-21736 D-98833	400:330		8.0		64000-120000	Fig. 2B	1.75	2-3	1-4	
23-A	W-22759	4.65:1	30	65	.7	200-145000	1 27/32x2 3/4x4 23/32	2.5	(2-3)(4-5)	(1-3)(4-6)	
24-A	W-26056 Consists of 2-23A auto-trans. with associated condensers						7 5/8x3 15/16x9 3/16	15.0			For outdoor use.
25-A	W-34563			565	1-12 = 116	50:15000	1 11/16x1 11/16x3 9/16	1.25		1-12	Control power into loud speakers.
26-A	W-34564			218	1-12 = 75	50:15000	2 7/8x2 7/8x3 7/8	2.5		1-12	Control power into loud speakers.
27-A	W-34565			52	1-12 = 35	50:15000	3 x 3 31/32 x 5 19/32	7		1-12	Control power into loud speakers.

TRANSFORMERS

<u>Code</u>	<u>Ref. No.</u>	<u>Freq. Range</u> <u>Cycles</u>	<u>Pri. Wdg.</u>	<u>Volts</u>	<u>Sec. Wdg.</u>	<u>Volts</u>	<u>Amperes</u>	<u>Size - Inches</u>	<u>Weight</u> <u>Pounds</u>	<u>Remarks</u>
319 A	W 8670	50	1-2 1-3 1-4	107.5 115 122.5	5-7	2.15	8	Fig. 21B	3.25	6 is center tap
319 C	W 21249		1-2 1-3 1-4 (1-2)-(5-6) (1-3)-(5-7) (1-4)-(5-8)	107.5 115.0 122.5 215 236 245	9-11	2.1	8	Fig. 21B	3.25	10 is center tap
319 D	W 25623	50-60	1-2 1-3	112.5 117.5	4-6 7-8 9-12	424 5 30	.0177 2 .23	Fig. 2B	3.25	5 is center tap 10 and 11 are taps in wdg. 9-12
321 A	W 9021	50-60	1-2 1-3 1-4	107.5 115.0 122.5	5-6-7	10	.70	Fig. 2B	2.5	6 is center tap
321 D	W 9016	50-60	1-2	100	3-4-5	10	1.05	Fig. 2B	2.5	4 is center tap
338 A	W 9484	50-65	1-2 1-3 1-4	107.5 115.0 122.5	5-7 8-9	2 5	3.2 2	Fig. 2C	2.5	6 is center tap
338 B	W 9485	50-65	1-2 1-3 1-4	107.5 115.0 122.5	5-7	282	.0175	Fig. 2C	2.5	6 is center tap
341 A	W 20265	3.5	2-5	120-225	4-7	240-450		6 x 5 x 5 5/8	20	Wdgs. balanced for use on telephone circuits
344 A	W 9939	50-60	1-2 1-3 1-4	107.5 115.0 122.5	5-6 7-9 10-12	5 3 350	2 2 .005	Fig. 21A	2.5	8 and 11 are center taps
344 B	W 22353	50-60	1-2	115	6-7 8-10 3-5	5 6.3 374	2 1.5 .023	Fig. 21A	3.5	4 and 9 are center taps

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TRANSFORMERS

Sheet 53

Code	Ref. No.	Freq. Range Cycles	Pri. Wdg.	Volts	Sec. Wdg.	Volts	Amperes	Size - Inches	Weight Pounds	Remarks
344 C	W 25898	50-60	Red - Red Wh	115	3-4 5-7	115 6.3	.051 5.4	Fig. 21A	3	6 is center tap
344 D	W 27158	50-60	1-2	105-125	3-4 5-6 7-8	10 10 6.3	.5 .5 4	Fig. 21A	3.5	
344 E	W 34280	50-60	Red - Red Wh Red - Blue Red - Blue Wh	210 230 250	5-6	20	1	Fig. 21A	4	
345 A	W 20734	50-60	AC-110 AC-115 AC-120	110 115 120	1-2 1-3 4-5	32.5 36.5 18	.475 .60 1.00	3 3/4 x 3 1/4 x 4 3/4	5.9	
345 B	W 21261	50-60	A-B	105-125	1-6	32.4-41.6	1.35	3 3/4 x 3 x 4 1/4	5.75	2, 3, 4 and 5 are taps in Wdg. 1-6.
345 C		50-60	A-B	190-250	1-6	32.4-41.6	1.35	3 3/4 x 3 x 4 1/4	5.75	2, 3, 4, and 5 are taps in Wdg. 1-6.
349 A	W 21095	50-60	A-C B-C	115 115	1-16 1-16	21.4 28.4	8 8	6 x 4 1/4 x 6 5/16	12	2 to 15 are taps in Wdg. 1-16
349 B	W 21094	50-60	A-200 A-230 B-200 B-230	200 230 200 230	1-16 1-16 1-16 1-16	21.4 21.4 28.4 28.4	8 8	6 x 4 1/4 x 6 5/16	12	2 to 15 are taps in Wdg. 1-16
351 A	W 21074	50-60	1-2 1-3 1-4	107.5 115.0 122.5	5-8 9-10	98 10	.024 .32	Fig. 21A	3.25	6 and 7 are taps in Wdg. 5-8 Electrostatic shield
351 B	W 22176	50-60	L-107.5 L-115 L-122.5 H-107.5 H-115.0 H-122.5	107.5 115.0 122.5 107.5 115.0 122.5	1-3 1-3	2.3 2.225	1.65 1.65	Fig. 21A	3.25	2 is center tap

TRANSFORMERS

<u>Code</u>	<u>Ref. No.</u>	<u>Freq. Range</u> <u>Cycles</u>	<u>Pri. Wdg.</u>	<u>Volts</u>	<u>Sec. Wdg.</u>	<u>Volts</u>	<u>Ampere</u>	<u>Size - Inches</u>	<u>Weight</u> <u>Pounds</u>	<u>Remarks</u>
352 B	W 21445	60	1-2 1-3	110 120	4-5 6-8	5 134	5 1.44	Fig. 18 A	8.5	7 is center tap
352 C	W 21580	60	1-2 1-3	110 120	4-6 12-14 7-8 9-11	10 5 5 1380	1.3 2.4 2 .106	Fig. 18 A	8.5	5, 10 and 13 are center taps
352 E		50-60	1-2	220	3-4	110	.455	Fig. 18 A	8.5	
352 F		50-60	1-2	220	3-4	2.6	22.5	Fig. 18 A except with terminal bushings	8.5	
352 G	W 21767	60	1-2 1-3	110 120	4-5 6-8 9-11 12-13	10.1 5.1 650 5.1	2.6 5 .071 2	Fig. 18 A	8.5	7 and 10 are center taps
352 H		60	1-2 1-3	110 120	4-5 6-8	5.1 670	3 .21	Fig. 18 A	8.5	7 is center tap
352 J	W 21769	50-60	1-2 1-3	110 120	4-6 7-9 10-11 12-14	2.5 6.3 5.1 700	2.5 2 2 .090	Fig. 18 A	8.5	5, 8 and 13 are center taps
352 M		50-60	1-2 1-3	110 120	4-6	2.65	30	Fig. 18 A except with terminal bushings	8.5	5 is center tap
352 N	W 22071	50-60	1-2 1-3	110 120	4-6 7-8 9-13 9-12	620 5 10 6.7	.118 2 3.5 3.5	Fig. 18 A	8.5	5, 10 and 11 are center taps
352 R	W 22662	50-60	(1-2) (1-3) (1-4) (1-5) (1-6)	105 110 115 120 125	(7-8) (9-10) (11-13) (12-14)	42 5 470 24	.096 2 .020 1	Fig. 18 A	8.5	12 is CT of Wdg. 11-13 and one end of Wdg. (12-14)

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TRANSFORMERS

<u>Code</u>	<u>Ref. No.</u>	<u>Freq. Range</u> <u>Cycles</u>	<u>Pri. Wdg.</u>	<u>Volts</u>	<u>Sec. Wdg.</u>	<u>Volts</u>	<u>Amperes</u>	<u>Size - Inches</u>	<u>Weight</u> <u>Pounds</u>	<u>Remarks</u>
352 S		50-60	(6-105) (6-115) (6-125)	105 115 125	(1-3) (4-5)	2.56 5	14 .25	Fig. 18A	8.5	2 is center tap Electrostatic shield
352 T	W 21950	50-60	(6-190) (6-210) (6-230) (6-250)	190 210 230 250	(1-3) (4-5)	2.56 5	14 .25	Fig. 18 A	8.5	2 is center tap Electrostatic shield
352 U	W 21920	50-60	(7-190) (7-210) (7-230) (7-250)	190 210 230 250	(1-3) (4-6) (4-5)	5.1 8.5 5	23 .10 .10	Fig. 18 A	8.5	2 is center tap Electrostatic shield
352 W		50-60	(7-105) (7-115) (7-125)	110 115 125	(1-3) (4-6) (4-5)	5.06 8.5 5	23 .10 .10	Fig. 18 A	8.5	2 is center tap Electrostatic shield
352 Y	W 22786	50-60	1-2 1-3	110 120	4-6 7-9 10-11	10 10 2.65	3.2 3.2 15	Fig. 18 A except with terminal bushings	8.5	5 and 8 are center taps
352 AA	W 23041	50-60	1-2 1-3	110 120	4-6 7-8 9-13 10-12	6.4 5.1 820 670	4.2 3 .135 .171	Fig. 18 A	8.5	5 and 11 are center taps
352 AB	W 22873	60	1-2 1-3	110 120	4-6 7-8 9-10 11-13	5.1 5.1 6.4 310	6 2 6.8 .16	Fig. 18 A	8.5	5 and 12 are center taps
352 AC	W 22711	50-60	1-3	115	4-6 7-8 9-10 11-12	750 2.5 2.5 5	.072 2 2 2	Fig. 18 A	8.5	5 is center tap Electrostatic Shield
352 AD	W 22712	50-60	1-2 1-3 1-4	107.5 115.0 122.5	5-6	115	.7	Fig. 18 A	8.5	

TRANSFORMERS

<u>Code</u>	<u>Ref. No.</u>	<u>Freq. Range</u> <u>Cycles</u>	<u>Pri. Wdg.</u>	<u>Volts</u>	<u>Sec. Wdg.</u>	<u>Volts</u>	<u>Amperes</u>	<u>Size - Inches</u>	<u>Weight</u> <u>Pounds</u>	<u>Remarks</u>
352 AR	W 23707	50-60	1-2	210	3-5 6-7 8-10 11-13	5.06 10 140 2.56	1.5 .38 .05 14	Fig. 18 A	8.5	4, 9 and 12 are center taps Electrostatic Shield
352 AF		50-60	1-2	115	3-5 6-7 8-10 11-13	5.06 10 140 2.56	1.5 .38 .05 14	Fig. 18 A	8.5	4, 9 and 12 are center taps Electrostatic Shield
352 AG	W 24279	50-60	1-2	210	3-5 6-7 8-10 11-13	5.06 10 140 5.06	1.5 .38 .05 23	Fig. 18 A	8.5	4, 9 and 12 are center taps Electrostatic Shield
352 AH	W 22767	50-60	1-2 1-3 1-4 1-5	100 107.5 115 122.5	6-7 8-9 10-12 13-14	24 5 474 45	1.6 2. .0425 .35	Fig. 18 A	8.5	11 is center tap
352 AK	W 25673	50-60	(1, 3 -2-5) (1-2) (3-5) (1-2) (3-4)	115 230 200	6-7 8-9 13-14 10-12	5 5 10 900	1.2 2 .3 .071	Fig. 18 A	8.5	11 is center tap Electrostatic Shield
352 AL	W 25923	60	4-210 4-230 4-250	210 230 250	1-3	2.56	62	Fig. 18 A	9.5	2 is center tap Electrostatic Shield
352 AM	W 26644	60	1-2 1-3 1-4	107.5 115 122.5	5-7 8-10 11-12	40 6.5 5.2	.275 9.6 6	Fig. 18 A	8	9 is center tap. 6 is a tap at approx. 35 volts from 5
352 AN	W 27570	50-60	Gr - Gr Wh Gr - Gr Br	110 120	1-2 3-4 1-2 3-4	23 55 23 55	6.25 .218 3.4 .875	Fig. 18 A	8.5	

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<u>Code</u>	<u>Ref. No.</u>	<u>Freq. Range</u> <u>Cycles</u>	<u>Pri. Wdg.</u>	<u>Volts</u>	<u>Sec. Wdg.</u>	<u>Volts</u>	<u>Amperes</u>	<u>Size - Inches</u>	<u>Weight</u> <u>Pounds</u>	<u>Remarks</u>
352 AP	W 27996	50-60	1-2 1-3	110 120	4-5 6-7 8-10 11-12 13-14 15-16	5 5 900 45 10 24	1.2 2.0 .077 .20 .32 .20	Fig. 18 A	8.5	9 is center tap Electrostatic Shield
352 AR	W 31449	60	1-2 1-3 1-4	105 115 125	5-7 8-9 10-12 13-14 15-16	630 5 2.5 6.4 10.1	.145 2 2.5 4 2	Fig. 18 A	8	6 and 11 are center taps Electrostatic Shield
353 A		50-60	1-2	220	3-4 5-6 7-8 9-10 11-12 13-14 15-16	10.3 12.8 5.1 10.2 10.2 2.1 5.1	20 2.7 2 10 .35 3.5 3	Fig. 23 A	27	T is the center tap in winding 1-2
353 B		50-60	105-D 115-D 125-D	105 115 125	5-7	180	2.1	Fig. 23 A	27	Taps A, B, C, D, on pri. wdg. to lower sec. voltage in steps of approx. 8 volts. Electrostatic shield
353 C	W 22074	50-60	190-D 210-D 230-D 250-D	190 210 230 250	5-7	180	2.1	Fig. 23 A	27	Taps A, B, C, D, on pri. wdg. to lower sec. voltage in steps of approx. 8 volts. Electrostatic shield
353 D	W 22785	50-60	1-2 1-3	110 120	4-6	2850	.124	Fig. 23 A except with terminal bushings	27	5 is center tap
353 E	W 22837	50-60	11-190 11-210 11-230 11-250	190 210 230 250	1-6 7-8 9-10	210 2.56 5	1.3 7 .25	Fig. 23 A	27	2, 3, 4, and 5 are taps in winding 1-6. Electrostatic Shield

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Code	Ref. No.	Freq. Range Cycles	Pri. Wdg.	Volts	Sec. Wdg.	Volts	Amperes	Size - Inches	Weight Pounds	Remarks
353 F	W 22368	50-60	AO-190 AO-210 AO-230 AO-250	190 210 230 250	D-4 5-6 7-8	165 2.56 5.1	1.41 7 .25	Fig. 23 A	27	A, B, C, 1, 2 and 3 are taps in winding (D-4). Electrostatic Shield
353 G	W 26180	60	1-2 1-3 1-4	107.5 115 122.5	5-9	1010	.35	Fig. 23 A	27	7 is center tap. 6 and 8 are taps in (5-9) for delivering 0.84 amp. at 950 volts.
354 A		50-60	1-2	220	3-5	3160	.85	12 1/4 x 9 x 8 3/4	115	4 is center tap
354 B	W 22189	50-60	AO-190 AO-210 AO-230 AO-250	190 210 230 250	1-3	460	7.2	12 1/4 x 9 x 8 3/4	115	2 is center tap Electrostatic shield
354 C		50-60	AO-190 AO-210 AO-230 AO-250	190 210 230 250	1-5	460	7.2	11 29/32 x 9 x 9 3/16	120	2 is center tap
354 D	W 31010	50-60	AO-210 AO-230 AO-250	210 230 250	1-5	420	7.2	11 29/32 x 9 x 9 3/16	130	3 is center tap. 2 and 4 are taps in (1-5) to provide an alternate voltage of 360 volts at 7.2 amp.
354 E	W 31498	60	4-8	250	1-3	460	7.3	11 29/32 x 9 x 9 3/16	120	2 is center tap. 5, 6, 7 are taps Electrostatic Shield
355 A	W 21578	60	(1-2)	4000	(3-4) (5-6)	4000 4000		13 3/8 x 10 5/8 x 17 1/2	140	Neutralizing Trans. for outdoor mounting
356 A	D 97496	60	(1-2)	4000	(3-4) (5-6)	4000 4000		14 x 9 x 8 1/8	90	Neutralizing Trans. for indoor mounting
358 A	W 21911 D 98635	50-60	1-2 1-3 1-4	100 173 200	5-7	22	70	10 7/32 x 9 x 8 3/4	75	6 is center tap
358 B	W 22012	50-60	(D-190) (D-210) (D-230) (D-250)	190 210 230 250	(5-7)	175	9	10 7/32 x 9 x 8 3/4	75	6 is center tap A, B, C and D are primary adjusting taps. Electrostatic shield

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<u>Code</u>	<u>Ref. No.</u>	<u>Freq. Range</u> <u>Cycles</u>	<u>Pri. Wdg.</u>	<u>Volts</u>	<u>Sec. Wdg.</u>	<u>Volts</u>	<u>Amperes</u>	<u>Size - Inches</u>	<u>Weight</u> <u>Pounds</u>	<u>Remarks</u>
358 C		50-60	(D-105) (D-115) (D-125)	105 115 125	(5-7)	175	9	10 7/32 x 9 x 8 3/4	75	6 is center tap A, B, C and D are primary adjusting taps. Electro- static shield.
358 F		60	5-210 5-230 5-250 5-250	320 350 380	1-3	92	21	8 7/8 x 9 x 9 3/16	80	2 is center tap
			4-210 4-230 4-250	320 350 380	1-3	83	21			
358 G	W 33707	60	2-3 1-3 2-4 1-4 2-5 1-5	200 210 220 230 240 250	6-7 8-15 14-19 20-21	700 700 700 700	.50 .50 .50 .50	9 x 10 9/32 x 9 13/32	75	These wdg. may be connected SA to deliver approx. 2800 volts by connecting 7 to 8, 13 to 14 and 19 to 20. 9,10,11,12 are taps. 15,16,17,18 are taps.
359 A	W 22008	50-60	1-2 1-3	110 120	4-6 7-8 9-11 12-14	10 5 985 5	1.2 2 .130 2.4	Fig. 18 B	12	5, 10 and 13 are center taps
359 B	W 22009	50-60	1-2 1-3	110 120	4-5 6-10 7-8	5 156 140	5 1.4 1.4	Fig. 18 B	12	8 is center tap
359 C	W 22207	50-60	AC-190 AC-210 AC-230 AC-250	190 210 230 250	D-4 5-6 7-8	123 2.53 5.15	1.14 7 .25	Fig. 18 B	12	Wdg. (D-4) tapped to provide voltages from 84.5 to 123 volts in steps of approx. 2.6 volts. Electrostatic Shield.
359 D	W 22091	50-60	1-2	210	3-5 6-7 8-10 11-13	5.06 2.56 140 5.06	1.5 1.6 .05 25	Fig. 18 B	12	4, 9 and 12 are center taps Electrostatic shield
359 E	W 22228	50-60	1-2 1-3	110 120	4-6 7-8 9-11 12-14	10 5 1110 5	2 2 .106 2.4	Fig. 18 B	12	5, 10 and 13 are center taps

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<u>Code</u>	<u>Ref. No.</u>	<u>Freq. Range</u> <u>Cycles</u>	<u>Pri. Wdg.</u>	<u>Volts</u>	<u>Sec. Wdg.</u>	<u>Volts</u>	<u>Ampere</u>	<u>Size - Inches</u>	<u>Weight</u> <u>Pounds</u>	<u>Remarks</u>
359 F	W 22677	50-60	1-2 1-3	110 120	4-5 6-7 8-9 10-11 12-13	530 150 5 2.5 6.3	.115 .100 2 1.4 2.8	Fig. 18 B	12	Electrostatic shield which is connected to center taps of wdg. (4-5), (10-11) and (12-13)
359 G	W 22875	60	1-2 1-3	110 120	4-6	1000	.3	Fig. 18 B	12	5 is center tap
359 H	W 23061	50-60	1-2 1-3 1-4	105 115 125	5-7 8-9 10-11 12-14 13-14	950 5 5 15.4 10	.050 2 1.2 3.9 3.9	Fig. 18 B	12	6 is center tap Electrostatic shield
359 J	W 24045	50-60	1-2 1-3 1-4	105 115 125	5-7 8-9 10-11 12-14	1100 5 6.3 10	.149 3 1.8 .32	Fig. 18 B	12	6 and 13 are center taps Electrostatic shield connected to terminal 13.
359 K	W 23899	50-60	1-2 1-3	110 120	4-6 7-11 8-10 12-13	1210 10 6.3 5	.124 1.2 3.2 2	Fig. 18 B	12	5 and 9 are center taps.
359 L	W 24218 W 24957	60	1-2	117.5	3-5 6-8 9-10	1125 6.2 5	.178 4.2 3	Fig. 18 B	12	4 and 7 are center taps.
359 M	W 26645	60	1-2 1-3 1-4	105 115 125	6-7 8-9 13-14 15-17 10-12	2.5 6.3 5 6.5 975	2.5 1.5 3 10 .142	Fig. 18 B	12.5	11 and 16 are center taps Electrostatic Shield
359 N	W 26956	50-60	1-2 1-3	110 120	4-5 6-8 9-11 12-13	10 5 1000 5	1.3 2.4 .180 3	Fig. 18 B	12.5	7 and 10 are center taps Electrostatic Shield
360 A	W 22089	50-60	1-2 1-3	110 120	4-6 7-8 9-11	6.3 5 530	2.6 2 .105	Fig. 24	6	5 and 10 are center taps

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<u>Code</u>	<u>Ref. No.</u>	<u>Freq. Range</u> <u>Cycles</u>	<u>Pri. Wdg.</u>	<u>Volts</u>	<u>Sec. Wdg.</u>	<u>Volts</u>	<u>Amperes</u>	<u>Size - Inches</u>	<u>Weight</u> <u>Pounds</u>	<u>Remarks</u>
360 C	W 22908	50-60	1-2 1-5	110 120	4-6 7-8 9-11	10 5 530	3.2 2 .047	Fig. 24	6	5 and 10 are center taps
360 D	W 24378	60	1-2	117.5	3-5 6-8	565 5.9	.075 9	Fig. 24	6	4 and 7 are center taps
360 E	W 25670	50-60	1-2 1-5	110 120	Blue Wh - Gr Wh 7-8 9-13	5.9 5 565	8 2 .082	Fig. 24	6	green and yellow are center taps. 10 and 12 are taps
360 F	W 28162	60	1-2 1-5 1-4 1-5	110 120 208 230	Green Wh-Br Wh 9-10 11-13	6.3 5 574	3.2 2 .060	Fig. 24	6	Brown and yellow white are center taps.
360 G	W 28437	50-60	7-120	120	1-5 4-6	5.1 8.5	7 .1	Fig. 24	6	2 is center tap 5 is a tap in 4-6
360 H		50-60	7-210	210	1-5 4-6	5.1 8.5	7 .1	Fig. 24	6	2 is center tap 5 is a tap in 4-6
360 J	W 33623	60 50-60	1-2 1-4	115 230	5-6 7-8 9-10	6.4 5.1 6.4	3.2 2 3	Fig. 24	6	Electrostatic Shield
361 B	W 23831	60	1-2	75	3-5	158	.0016	Fig. 7	1	4 is center tap
361 C	W 23726 Mod. 60		1-2	115	3-4 5-6	11 24	.100 .135	Fig. 7	1	
361 D	W 28435	50-60 50-60	Red-Red Wh Blue-Blue Wh Red-Blue Wh	105 105 210	Green-Green Wh	160	.040	Fig 7	1	
361 E	W 31497	50-60	Red-Red Wh Red-Blue Red-Blue Wh	105 115 125	Green-Green Wh Brown-Brown Wh	10 20	.35 .25	Fig. 7	1.5	Electrostatic Shield

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<u>Code</u>	<u>Ref. No.</u>	<u>Freq. Range</u> <u>Cycles</u>	<u>Pri. Wdg.</u>	<u>Volts</u>	<u>Sec. Wdg.</u>	<u>Volts</u>	<u>Amperes</u>	<u>Size - Inches</u>	<u>Weight</u> <u>Pounds</u>	<u>Remarks</u>
361 F	W 31508	50-60	Red-Red Wh Red-Blue Red-Blue Wh	210 230 250	Green-Green Wh Brown-Brown Wh	10 20	.35 .25	Fig. 7	1.5	
362 A		50-60	AC-105 AC-115 AC-125	105 115 125	1-3	460	1.45	Fig. 23 B	36	2 is center tap Electrostatic Shield
362 B		50-60	AC-190 AC-210 AC-230 AC-250	190 210 230 250	1-3	460	1.45	Fig. 23 B	36	2 is center tap Electrostatic Shield
362 C	W 22753 D 98172 Mod.	60	1-2	2000	3-4 5-6	2000 2000		Fig. 23 B	35	
363 A	W 24071 Mod.	60	D-105 D-115 D-125	105 115 125	5-7	176	7.1	Fig. 25	47.25	6 is center tap Electrostatic Shield
363 B		60	D-190 D-210 D-230 D-250	190 210 230 250	5-7	176	7.1	Fig. 25	47.25	6 is center tap Electrostatic Shield
363 C	W 25986 Mod.	50-60	4-110 4-120	110 120	1-3	120	7.1	Fig. 25	47	2 is center tap Electrostatic Shield
		50-60	5-110 5-120	110 120	1-3	140	7.1			
363 D		50-60	4-210 4-230 4-250	210 230 250	1-3	120	7.1	Fig. 25	47	2 is center tap Electrostatic Shield
		50-60	5-210 5-230 5-250	210 230 250	1-3	140	7.1			
363 E	W34401	60	1-2	115	3-5	4280	.215	Fig. 25	40	4 is center tap Electrostatic Shield
364 A	W 25501	160	1-2	17.5	3-4	7.5	.050	Fig. 2 B	1.75	

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<u>Code</u>	<u>Ref. No.</u>	<u>Freq. Range</u> <u>Cycles</u>	<u>Pri. Wdg.</u>	<u>Volts</u>	<u>Sec. Wdg.</u>	<u>Volts</u>	<u>Amperes</u>	<u>Size - Inches</u>	<u>Weight</u> <u>Pounds</u>	<u>Remarks</u>
364 B	W 26057	60	Orange-Orange Wh Orange-Yellow Orange-Yellow Wh	210 230 250	1-2 3-5 3-6 7-8	40 5.1 10.1 30	.01 1.2 .5 .02	Fig. 2B	2	4 is center tap in wdg. (3-5)
364 C	W 26373	55-65	1-2	55	3-8	100	.014	Fig. 2B	2	With .015 amp dc on (3-8) Electrostatic Shield
364 D	W 28393	50-60	Red-Blue Red-Blue Wh Red-Green	110 115 120	Gr Wh-Br Wh Or-Or Wh	140 10	.045 .64	Fig. 2B	2	Brown is a tap at approx. 130 volts.
		50-60	Red Wh-Blue Red Wh-Blue Wh Red Wh-Green	110 115 120	Gr Wh-Br Wh Or-Or Wh	140 10	.060 1.28			
364 E	W 28466	540-600	1-2	12	3-4 3-5 3-6	2.62 3.52 5.25	- - -	Fig. 2B	1.75	Max. 100 milliwatt power output
			1-A	4	3-4 3-5 3-6	2.0 2.68 4.0	- - -			
364 F	Replaces W 25379 & D 157924	60	Red-Red Wh	1200	Blue-Blue Wh	12	.070	Fig. 2B	2	
364 G	W 34023	60	Red-Red Wh	230	Blue Blue Wh Green-Green Wh	23 100	.190 .130	Fig. 2B	2	
364 H	W 34354	60	1-2	115	4-6 7-9	6.3 6.3	2.35 .60	Fig. 2B	1.75	5 and 8 are center taps.
			1-3	115	4-6 7-9	6.3 6.3	1.13 .20			
365 A		60	4-210 4-230 4-250	276 296 326	1-3	148	21	9 7/8 x 9 x 9 3/16	100	2 is center tap Electrostatic Shield

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<u>Code</u>	<u>Ref. No.</u>	<u>Freq. Range</u> <u>Cycles</u>	<u>Pri. Wdg.</u>	<u>Volts</u>	<u>Sec. Wdg.</u>	<u>Volts</u>	<u>Ampere</u>	<u>Size - Inches</u>	<u>Weight</u> <u>Pounds</u>	<u>Remarks</u>
366 A	W 25766	60	4-210 4-230 4-250	199 218 237	1-3 3-2	132 94	4.2 7.8	6 11/16 x 5 29/32 x 6 9/16	32.5	
366 B	W 27761 D 160217	60	1-5	254	9-10 11-12	700 700	.47 .47	6 11/16 x 5 29/32 x 6 5/8	32	By means of taps on 4, 3, 2 on the primary, the sec. voltages can be raised 17 volts, 1 amp. By means of taps 6, 7, 8 on primary, sec. voltages may be lowered in steps of approx. 17 volts per tap
367 A	W 26165	50-60	Black-Black Yellow Black-Black Red	110 120	Green-Green Yellow-Yellow Red-Red	6.2 5 850	5.2 3 .14	3 7/16 x 4 5/8 x 4 11/32	9	Green Yellow and Red Yellow are center taps in (Green-Green) and (Red-Red), resp. Orange leads are taps in (Red-Red)
367 B	W 26046	50-60	1-2	115	3-4	115	1.35	3 7/16 x 4 5/8 x 4 1/2	9	Electrostatic Shield
367 C	W 27282	50-60	1-2 1-3 1-4 1-5	100 107.5 115 122.5	6-7 8-9 10-12 13-14	24 5 474 45	.64 2 .035 .35	3 7/16 x 4 5/8 x 4 11/32	9	11 is center tap
367 D	W 33420 Mod.	60	1-2	2800	3-4	28	.036	3 7/16 x 4 5/8 x 4 9/16	7.25	Electrostatic Shield
367 E	W 34655	60	1-4	145	5-14	115	.50	3 7/16 x 4 5/8 x 4 13/32	8.5	2 connected to 3; 6 to 13 are taps in (5-14)
368A		50-60	Red Wh-Blue Blue-Blue Wh Red-Blue Red Wh-Blue Wh Red Wh-Green Red-Blue Wh Red-Green	100 110 120 210 220 230 240	Green Wh-Orange	90	.010	1 11/16 x 2 1/2 x 3 1/2	1.75	Brown and Brown White are taps in Green White-Orange
368 B	W 28386 D 160646	60	1-2 1-3	60 66	4-6 7-9 10-12	2 2 3	.25 .25 .53	1 11/16 x 2 1/2 x 3 1/2	1.75	5, 8 and 11 are center taps
368 C	W 34656	60	1-3	18	4-5	30	.22	1 11/16 x 2 1/2 x 3 1/2	1.75	2 is center tap Electrostatic Shield

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<u>Code</u>	<u>Ref. No.</u>	<u>Freq. Range</u> <u>Cycles</u>	<u>Pri. Wdg.</u>	<u>Volts</u>	<u>Sec. Wdg.</u>	<u>Volts</u>	<u>Amperes</u>	<u>Size - Inches</u>	<u>Weight</u> <u>Pounds</u>	<u>Remarks</u>
369 A	W 27239 W 28205	50-60	Red-Red Wh	110	3-4	1	1000	4 1/8 x 4 1/8 x 4 11/32	11	Operates 0.1 second every two minutes
370 A	W 27825	50-60	G N-C	110	L1-R	24	.024	1 1/2 x 2 3/8 x 1 3/8	7 oz.	
371 A	W 28436	50-60	4-110 4-120	110 120	1-3	420	2.12	6 21/32 x 6 11/16 x 6 5/8	40	2 is center tap
371 B		50-60	4-210 4-230 4-250	210 230 250	1-3	420	2.12	6 21/32 x 6 11/16 x 6 5/8	40	2 is center tap
372 A	W 25319 D 157921	60	1-6 7-12	50 50	13-14 15-16 17-18 19-20	7 7 120 120	1.3 1.3 .10 .10	3 27/32 x 5 23/32 x 6 3/4	11	2, 3, 4 and 5 are taps in Wdg. (1-6) 8, 9, 10 and 11 are taps in Wdg. (7-12) Tap 17T in (17-18) Tap 19T in (19-20)
372 C	W 34522	60	1-10 11-20	53 53	21-22 23-24 25-26 27-28	6.7 6.7 127.5 127.5	1.3 1.3 .095 .095	3 27/32 x 5 23/32 x 6 3/4	11	2, 3, 4, 5, 6, 7, 8, 9 are taps in 1-10 12, 13, 14, 15, 16, 17, 18, 19 are taps in 11-20
373 A	W 28865 D 161249	60	1-3	60	5-7 9-11	6.1 60	.6 .005	Fig. 28	1	
373 B	W 32178	120	1-3	180	7-12 7-11 7-10 7-9	18 16 14 12	.2 .2 .2 .2	Fig. 28	1.5	Electrostatic Shield
373 C	W 33813	50-60	1-2	85	1-3 1-4 5-7 10-12	100 200 90 500	.001 .005 .010 .009	Fig. 28	1.25	6 and 8 are center taps
373 D	W 33815	50-60	1-2	97	5-6 9-10	6.4 6.4	.3 .45	Fig. 28	1.25	Electrostatic Shield
373 E	W 34658	60	2-5	115	8-11	31	.11	Fig. 28	1.25	Electrostatic Shield

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<u>Code</u>	<u>Ref. No.</u>	<u>Freq. Range</u> <u>Cycles</u>	<u>Pri. Wdg.</u>	<u>Volts</u>	<u>Sec. Wdg.</u>	<u>Volts</u>	<u>Ampere</u>	<u>Size-Inches</u>	<u>Weight</u> <u>Pounds</u>	<u>Remarks</u>
374 A	W 33080 D 172163	60	1-2	60	3-4	6.3	12	4 1/8 x 2 3/4 x 4 3/16	6	
375 A	W 33079 D 172162	60	1-9 3-11	115 115	1-6 1-7 1-8	75 80 85	1.3 1.3 1.3	5 7/8 x 2 5/8 x 4 3/16	6.75	
376 A	W 33874	50-60	1-2	115	3-4	12	16	3 5/8 x 3 3/4 x 5 5/16	8.5	
377 A	W 33624	50-60 50-60	1-2 1-4	115 230	5-7	890	.180	4 7/16 x 4 5/8 x 4 5/8	12	6 is center tap Electrostatic Shield
377 B	W 34397	60	1-2	115	3-5 6-7	550 120	.295 .0055	4 7/16 x 4 5/8 x 4 3/8	10.75	4 is center tap Electrostatic Shield
377 C	W 34398	60	1-2	115	3-5	630	.292	4 7/16 x 4 5/8 x 4 3/8	10.88	4 is center tap Electrostatic Shield
377 D	W-34399	60	1-2	115	3-5	790	.285	4 7/16 x 4 5/8 x 4 3/8	10.88	4 is center tap Electrostatic Shield
377 E	W 34400	60	1-2	115	3-5 6-7	920 120	.156 .0055	4 7/16 x 4 5/8 x 4 3/8	11.75	4 is center tap Electrostatic Shield
377 F	W 34402	60	1-2	115	3-5 6-7 8-9	5 20 6.3	7.5 1.8 .35	4 7/16 x 4 5/8 x 4 3/8	12	4 is center tap Electrostatic Shield
379 A	W 33811	50-60	1-2	115	3-5 6-7 8-9	850 5.1 6.4	.29 2 3.75	Fig. 29 C	15.5	4 is center tap connected internally to case
379 B	W 34913	60	1-2 1-3	110 120	4-10 6-8 11-12 13-15	1115 188 5 6.3	.218 .021 4 10	Fig. 29 C	15.5	Taps 5 and 9 on wdg.(4-10) provide 960 volts. Either (4-10) or (5-9) may be used. 7 and 14 are center taps.
380 A	W 33812	50-60	1-2	115	3-5 6-7 8-9	380 6.4 6.3	.045 1.25 .6	2 5/8 x 2 7/8 x 5	4.25	4 is center tap Electrostatic Shield
380 B	W 33814	50-60	1-2	85	3-4 5-6 7-8 9-10	6.4 6.4 6.4 6.4	4.5 .5 .3 .3	2 5/8 x 2 7/8 x 5	4.25	Electrostatic Shield

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<u>Code</u>	<u>Ref. No.</u>	<u>Freq. Range</u> <u>Cycles</u>	<u>Pri. Wdgs.</u>	<u>Volts</u>	<u>Sec. Wdgs.</u>	<u>Volts</u>	<u>Ampere</u>	<u>Size - Inches</u>	<u>Weight</u> <u>Pounds</u>	<u>Remarks</u>
381 A	W 33976 D-175724	60	1-2 1-3	110 120	4-5 6-8 7-8 9-11 12-14 15-17	30 125 6 1.3 1.3 6.25	.052 .208 .15 .20 .20 .65	2 5/8 x 2 15/16 x 3 5/32	2.5	
381 B	D-175725	60	1-2 1-3	110 120	4-6 7-8 or 7-9 10-11 or 10-12 13-15 16-18 19-21 22-24	81 110 130 110 125 1.3 1.3 1.3 6.45	.084 .003 .003 .003 .208 .2 .2 .2 .8	2 5/8 x 2 15/16 x 3 5/32	2.5	
381 C	W 34817	60	1-2 1-3	110 120	4-5 6-8 9-11 12-14 15-17	30 125 1.3 1.3 6.25	.052 .208 .20 .20 .65	2 5/8 x 2 15/16 x 3 5/32	2.5	Electrostatic Shield 10, 13 and 16 are center taps.
381 D	W 34858	60	1-2 1-3	110 120	4-6 7-8 8-9 8-10 11-13 14-16 17-19 20-22	81 110 110 125 1.3 1.3 1.3 6.45	.084 .003 .003 .208 .20 .20 .20 .80	2 5/8 x 2 15/16 x 3 5/32	2.75	5, 12, 15, 18 and 21 are center taps 2 and 9 are taps Electrostatic Shield
382 A	W 27620 Mod.	50-60	Red blue-Red brown	115	Red-Brown	49.2	.7	2 3/4 x 2 1/2 x 3 3/16	2.5	Red white, Blue, Blue white, Green and Green white are taps in wdg. (Red-Brown)
382 B	W 27621 Mod.	50-60	Red blue-Red brown Red blue-Red green	230 199.5	Red-brown	49.2	.7	2 3/4 x 2 1/2 x 3 3/16	2.5	Red white, blue, Blue white Green and Green white are taps in (Red-Brown)
383 A	W 27622	50-60	Red blue-Red brown	115	Red-Brown wh.	271	.125	2 1/2 x 2 1/2 x 3 3/16	2.	Red white, Blue, Blue white, Green, Green white and Brown are taps in (Red-brown white)
384 A	W 27623	50-60	Red blue-Red brown	115	Red-Red white Blue-Blue white	7.27 22.3	.7 .8	2 x 2 1/2 x 3 1/8	2.	

TRANSFORMERS

<u>Code</u>	<u>Ref. No.</u>	<u>Freq. Range</u> <u>Cycles</u>	<u>Pri. Wdgs.</u>	<u>Volts</u>	<u>Sec. Wdgs.</u>	<u>Volts</u>	<u>Amperes</u>	<u>Size - Inches</u>	<u>Weight</u> <u>Pounds</u>	<u>Remarks</u>
384 B	W 27684	50-60	Red blue-Red brown	115	Red-Green	28.1	.4	2 x 2 1/2 x 3 1/8	1.5	Red white, Blue and Blue white are taps in (Red-Green)
385 A	W 33984	60	1-2	115	3-5 6-7 8-9 10-11 10-12 13-14	980 5 6.5 6.5 10 35	.097 2. 1.5 2.5 .02 .15	3 1/16 x 3 5/8 x 5 9/32	6.5	4 and 11 are taps in wdgs. (3-5) and (10-12) respectively. Electrostatic Shield
386 A	W 34422	50-60	1-2	115	3-4	20	6.	3 1/16 x 3 5/8 x 5 9/32	6.5	Electrostatic Shield
387 A		50-60	1-2 1-3	110 120	4-8 5-7 9-11 12-13	880 780 6.4 5.0	.170 .170 5.3 3.	3 x 3 31/32 x 5 21/32	8.5	6 is center tap of wdg. (4-8) and (5-7) 10 is center tap of (9-11)

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FREQUENCY GENERATORS

Code	Reference Number	Input Characteristics				Output Characteristics				Size/Inches			Weight Lbs.	Remarks
		Voltage Range	Frequency (C.P.S.)	Terminals	Max. Amperes	Terminals	Voltage Range	Frequency (C.P.S.)	Rated Power (Milliwatts)	L	W	H		
101-A	W-25778 D-158901	105-125	60	Cord & Plug	0.280	(1-2) (3-4) (5-6)	4.2-11.7) 0.6-1.65) 15 D.C.	600/120	30	5-1/2	3-9/16	4-19/32	4.5	
102-A	W-26315	105-125	60	Cord & Plug	0.280	(1-4)	4.95-5.18	540	60	5-1/2	4-5/16	4-19/32	5.25	Terminals 3 and 4 are Taps on Output (1-4)
103-A	W-33913	84-88	20	(1-3)	0.175	(2-3)	83-87	420/40	40	7-1/2	3-15/32	4-25/32	6.15	
104-A	W-34308	105-125	60	Cord & Plug	0.800	(1-4) (7-10) (11-12) (5-6)	0.9-1.5) 1.8-3.0) 12 D.C. Terminals for Interrupter	600/120	900	23	3-15/32	5-1/2	22.0	Terminals 2 and 3 are Taps on Output (1-4) Terminals 8 and 9 are Taps on Output (7-10)
105-A	W-54392	105-125	60	Cord & Plug	1.0	(1-5) (6-7)	6.0-9.0 5.0 D.C.	540	900	23	3-15/32	5-1/2	20.0	Terminals 2, 3 and 4 are Taps on Output (1-5)

CURRENT SUPPLY SETS

<u>Code</u>	<u>Reference Number</u>	<u>Input Characteristics</u>				<u>Output Characteristics</u>				<u>Weight Pounds</u>	<u>Remarks</u>
		<u>Frequency Range</u>	<u>Terminals</u>	<u>Voltage Range</u>	<u>Max. Amperes</u>	<u>Terminals</u>	<u>Volts</u>	<u>Amperes</u>	<u>Size-Inches</u>		
101-B	-	57-62	L1-L2	90-125	2.8	AC-0	60 Regulated to $\pm 3\%$	1.2-1.5	23 x 3-15/32 x 8	30	Output voltage adjustable by screw
103-A	W-33081 D-172165	58.8-61.2	L1-L2	105-125	2.8	AC-0	6.6-5.8 Regulated to $\pm 1.5\%$ at fixed load	2.5-12.0	19 x 3-15/32 x 12-3/32	35	Output voltage adjustable by screw
104-A	W-34011	55-65	1-2	6.2-7.0	.30	3-4	3.6-4.0 Regulated to $\pm 1\%$ for input voltage, $\pm 3\%$ for frequency, at fixed load	.010-.050	5-1/4 x 3-3/4 x 1-3/4	2	Output voltage not adjustable