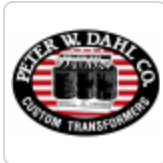




Quality Products. Service Excellence.

Peter W Dahl Transformers PWDAHL Series

Magnetics for Amateur Radio Products



This listing of transformers and chokes is directly from the Peter W. Dahl files. They are arranged in alpha-numeric order beginning with AAA and ending with 999.

NOTE: Be very careful when selecting a part if you are located outside of North America. Most parts are only listed for 60 Hz usage. If you need 50 Hz, make sure it says 50/60 Hz.



These transformers are usually built to order one at a time. Units we have already built are shown with Hammond part numbers. If you do not see a part number listed - remember that many of these designs are now decades old - a few may have been originally designed using "unobtainium." It is always best to confirm availability by phone or e-mail.

Some Hipersil C-Core models (Style #8, #9 & #10) need to be quoted by our office (due to constant changes & high minimum charges imposed by current C-Core suppliers). We are constantly updating pricing as we quote and/or build units. Most "E-I" lamination units are normally shipped in our 6 week lead time.

Stock units can usually be shipped next business day!

Description	Hammond Part Number	Core	Style (see above)	Primary	Secondary	Approx. Weight (lbs)
ALPHA 76A POWER TRANSFORMER FOR ALPHA MODELS 76A, 76PA, 76CA & 78	PWDP13139	B-0393/ C-CORE	10	120/240 VAC 60 HZ 1 PH	S1) 0-1200-1950 VAC @ 0.5A CCS S2) 40 VCT @ 0.5A CCS S3) 25 VAC @ 1A CCS S4) 6.3 VAC @ 9.6A CCS	23
ALPHA 76A-2 POWER XFMR SPECIAL HEAVY DUTY 3CX800A7'S VERSION	PWDP13047	B-0393/ C-CORE	10	120/240 VAC 60 HZ 1 PH	S1) 0-1200-1950 VAC @ 0.5A CCS S2) 40 VCT @ 0.5A CCS S3) 25 VAC @ 1A CCS S4) 13.5 VAC @ 3.0A CCS	23
ALPHA A77 POWER XFMR FOR ORIGINAL ETO PA-77 LINEAR AMPLIFIER	PWDP13069	A-0393/ C-CORE	10	120/240 VAC 60 HZ 1 PH	S1) 0-1800-2800 VAC @ 0.7A ICAS S2) 0-22-66 VAC @ 0.5A CCS S3) 5.0 VAC @ 10A CCS	23
ALPHA 87 POWER TRANSFORMER - REV K (NOT THE SAME AS THE ALPHA 87a) ALPHA POWER P/N TPX-X133	PWDP13140	A-0516/ C-CORE	9	0-200-220-240 VAC 50/60 HZ 1 PH	S1) 0-1280-1900 VAC @ 1.5A CCS S2) 7.8 VAC @ 4A CCS S3) 14.45 VAC @ 3A CCS S4) 52 VCT @ 3.5A CCS	33
ALPHA POWER P/N TPX-X168 ALPHA 91b AND 99 POWER TRANSFORMER	PWDP13049	A-0516/ C-CORE	9	0-100-120 & 0-100-120 VAC 50/60 HZ 1 PH	S1) 0-2050 VAC @ 1.5A CCS S2) 105 VAC @ 0.5A CCS S3) 310 VAC @ 0.5A CCS	37

Description	Hammond Part Number	Core	Style (see above)	Primary	Secondary	Approx. Weight (lbs)
					S4) 28 VCT @ 3.0A CCS S5) 13.3 VAC @ 7.2A CCS	
MODIFIED AMERITRON AL-80A HD POWER SPECIAL HV MODEL FOR FWB&CAP (4000 VDC) NO 5V OR 13.8V WINDINGS	PWDP13242	EI-175 X 4" 29G M6X	4	240 VAC 60 HZ 1 PH	S1) 2900 VAC @ 600 MA ICAS	24
AMERITRON P/N AR418-1D AL-1200 / AL-82 PLATE TRANSFORMER	PWDP13010	A-0274/ C-CORE	10	0-120 & 0-100-120 VAC 60 HZ 1PH	2570 VAC @ 800 MA ICAS	37
AMP SUPPLY #LK-450 POWER PLATE & FIL XFMR FOR SINGLE 3-500Z	PWDP13134	EI-175 X 2.5" 29GAM6	4	120/240 VAC 60 HZ 1 PH	S1) 2080 VAC @ 0.4A ICAS S2) 5.5 VCT @ 15A CCS S3) 11 VAC @ 2A CCS	17
AMP SUPPLY #LK-500F-1 FILAMENT TRANSFORMER FOR LK-500 AMP	PWDF13229	EI-150 X 1.5	4	115/230 VAC 60 HZ 1PH	0S1) 5.5 VCT @ 30A CCS	8
AMP SUPPLY #LK-800F-1	PWDP13080	EI-150 X 1.5	4	117/234 VAC 60 Hz 1PH	S1) 13.6 VAC @ 9A S2) 0-10-18 VAC @ 2A	8
AMP SUPPLY #LK-800F-1 (with C.T on 13.6 VAC winding)	PWDP13093	EI-150 X 1.5	4	117/234 VAC 60 Hz 1PH	S1) 13.6 VAC @ 9A - with C.T. S2) 0-10-18 VAC @ 2A	8
B&W PT2500A ER FILAMENT XFMR EXACT REPLACEMENT TRANSFORMER	PWDF13103	EI-125 X 2" 29GAM6X	2	15/230 VAC 60 HZ 1 PH	S1) 90 VAC @ 60 MA CCS S2) 6.3 VAC @ 1A CCS S3) 5.2 VCT @ 30A CCS	7
CENTRAL ELECTRONICS 600L FILAMENT MULTIPLE FILAMENT, CHICAGO 25077	PWDF13181	EI	4	120 VAC 60 HZ 1 PH	S1) 240 VAC @ 0.015 A S2) 10 VCT @ 5 A CCS S3) 6.3 VAC @ 0.45 A CCS S4) 6.3 VAC @ 0.3 A CCS S5) 2.5 VCT @ 4 A CCS (2,500 VDC INSULATION) S6) 6.3 VCT @ 4 A CC	10
CHOKE 8.0 HY @ 1.5A 4000 WVDC	PWDI13169	EI	2	8.0 HY @ 1.5A DC (4000 WVDC)		63
CHOKE 60 HY @ 150 ma. DC MODULATION REACTOR (CHOKE)	PWDI13132	EI	4	60 HY @ 150 ma. DC CCS (2 KVDC TEST)		10
COLLINS KW-1 AUDIO DRIVER PP 6B4G PLATES TO PP 810 GRIDS (T-404)	PWDM13041	EI-100 X 1	5	375 VCT @ 0.1A CCS (5000 OHMS P-P CT)	S1) 125 VAC @ 0.1A CCS (2225 OHMS G-G CT) S2) 125 VAC @ 0.1A CCS (2225 OHMS G-G CT)	2
COLLINS KW-1 BIAS T-401 -150 VOLT DC BIAS & FILAMENT TRANSFORMER	PWDP13188	EI-112 X 1.125	4	115 VAC 60 HZ 1 PH	S1) 300 VCT @ 30 MA CCS S2) 5 VAC @ 2A CCS	3
COLLINS KW-1 MODULATION XFMR PP 810 MODULATORS TO PARALLEL 4-250A'S	PWDM13037	EI-175 EE-STACK	10	1800/2400 VCT18000/11600 OHMS PP	1768 VAC @ 283 MA CCS (6250 OHMS RFPA)	35
COLLINS KW-1 RECT FIL ER T-501 872A FIL XFMR (EXACT REPLACEMENT)	PWDF13255	EI-150 X 1.25" 29GRH	5	115 VAC 60 HZ 1 PH	S1) 5.0 VCT @ 15A CCS (10 KVDC INS)	6
COLLINS KWS-1 HV FILAMENT REPLACEMENT 866A FIL XFMR (T-502) - BOBBIN WOUND - EPOXY FILLED BAYS	PWDF13061	EI-087 X 1	7	115/230 VAC 50/60 HZ 1 PH	S1) 2.5 VCT @ 10A CCS (10 KVDC TEST)	2
COLLINS KWS-1 LV POWER XFMR T-506 P/N 662-0146-00 ORIGINAL WAS STYLE #07 - CAN IS NO LONGER AVAILABLE	PWDP13171	EI-150 X 2.5" 29GAM6	5	120 VAC 60 HZ 1 PH	S1) 420-200-0-200-420 VAC @ 0.255A CCS S2) 5.0 VAC @ 4A CCS S3) 12.6 VAC @ 0.3A CCS S4) 6.3 VAC @ 9.0A CCS	13
COLLINS KWS-1 PLATE XFMR P/N 662-0155-00, E-5017	PWDP13082	EI 29GAM6	9	115/230 VAC 60 HZ 1 PH	S1) 4800 VCT @ 800 MA CC	39
COLLINS KWS-1 SCREEN P/N 662-0157-00 T504 - REPLACEMENT IS NOT POTTED - SEE PDF DRAWING	PWDP13043	EI-100 X 1.25 29GAM6	5	120 VAC 60 HZ	S1) 980 VCT @ 0.050A CCS	6

Description	Hammond Part Number	Core	Style (see above)	Primary	Secondary	Approx. Weight (lbs)
COLLINS 30K MODULATION XFMR P/N 677-0316-00, 200W,+/- 2DB 100-5000HZ	PWDM13203	EI-150 X 2.5" 29GM6X	7	2450 VCT @ 175 MA (32K OHMS)	S1) 1770 VAC @ .150ADC & .113AAC(16.7K OHM) S2) 248 VAC @ .050ADC	12
COLLINS 30K PLATE 4-125A RF PA & PP 75T MODULATORS	PWDP13256	A-0480/ C-CORE	10	115/230 VAC 60 HZ 1PH	2950-2365-0-2365-2950 VAC @ 750MA CCS	46
COLLINS 30L-1	PWDP13170	EI-175 X 3" 29G M6X	2	115/230 VAC 50/60 HZ 1 PH	S1) 650 VAC 0.7A CCS S2) 120 VAC @ 0.020A CCS S3) 6.3 VCT @ 16A CCS	19
COLLINS 30S-1 ALC XFMR T-102 1:1 RATIO ALC TRANSFORMER	PWDA13244	EE 24-25 SQ STACK	1	3.5 HY @ 700 OHMS		
COLLINS 30S-1 BIAS P/N 662-0353-00	PWDP13042	EI-087 X 1	1	115 VAC 50/60 HZ 1 PH	S1) 125 VCT @ 0.1A CCS S2) 12.6 VAC @ 0.8A CCS	2
COLLINS 30S-1 ER RECT FIL T-202,P/N 662-0352-00 REPLACEMENT	PWDP13018	EI-100 X 1.25 29GAM6	5	15 VAC 60 HZ 1 PH	S1) 2.5 VCT @ 10A CCS (10 KVDC INSULATION)	3
COLLINS 30S-1 PLATE XFMR STANDARD REPLACEMENT TRANSFORMER	PWDP13017	EI-300 X 3.375	4	115/230 VAC 60 HZ 1PH HI-LO TAPS	S1) 6320 VCT @ 350MA CCS (HI Primary Tap) S2) 245 VAC @ 350MA CCS (HI Primary Tap)	67
COLLINS 30S-1 SCREEN POWER 350/250 VAC @ 400 MA CCS	PWDP13149	EI-175 X 1.75	4	115 VAC 60 HZ 1PH HI-LO TAPS	S1) 350 VAC @ 400 MA CCS	12
COLLINS 30S-1-50 PLATE XFMR 50 HZ VERSION OF 30S-1 PLATE XFMR	PWDP13124	EI-300 X 3.375	4	115/230 VAC 50/60 HZ 1PH HI-LO TAPS	S1) 6320 VCT @ 350MA CCS S2) 245 VAC @ 350MA CCS	67
COLLINS 30S-1 CHOKE EXACT REPLACEMENT FOR L-202	PWDI13159	EI-175 X 3	5	8.0 HY @0.5A DC (10 KVDC INS)		19
COLLINS 32V-1/2/3 LV POWER LV POWER XFMR FOR 32V-1, 32V-2 OR 32V-3	PWDP13005	EI-150 X 1.5	4	115 VAC 60 HZ 1 PH	S1) 850 VCT @ 175 MA CCS S2) 5.0 VAC @ 4A CCS S3) 5.0 VAC @ 4A CCS S4) 6.3 VAC @ 9A CCS	8
COLLINS 51J4 POWER ALSO USED IN COLLINS R-388 (51J-3) RECEIVER	PWDP13063	EI-150 X 1.5	4	115/230 VAC 45/70 HZ 1 PH	S1) 700 VCT @ 200 MA CCS (FWCT) S2) 5.0 VAC @ 2A CCS S3) 6.3 VAC @ 7A CCS	8
COLLINS 516F-1 POWER XFMR P/N 662-0252-00 MODEL 164	PWDP13075	EI-150 X 1.5	5	115 VAC 60 HZ 1PH	S1) 920-0-920 VAC @ 250MA ICAS	8
COLLINS 516F-2 CHOKE (L3) 1.0 HY @ 180MA DC FILTER CHOKE	PWDI13251	EI-075 X 1	3	1.0 HY @ 180 MA DC		1
COLLINS 516F-2HD POWER G P/N 662-0249-010 120/240 PRIMARY	PWDP13200	EI-175 X 3" 29 GA M6	2	120/240 VAC 50/60 HZ 1 PH	S1) 1000-425-123-0-425- 1000 VAC @ 250MA CCS S2) 6.3 VAC @ 11A CCS S3) 5.0 VAC @ 3A CCS S4) 5.0 VAC @ 3A CCS	19
COLLINS 75A-1, 75A-2, 75A-3, 75A-4 (L29) FILTER CHOKE (#1) P/N 668-0020-00	PWDI13161	EI	3	3 HENRY 120 MA DC 600V WORKING VOLTAGE		2
COLLINS 75A-1, 75A-2, 75A-3, 75A-4 (L30) FILTER CHOKE (#2) P/N 668-0019-00	PWDI13158	EI	3	5 HENRY 80 MA DC 600V WORKING VOLTAGE		2
COLLINS 75A-2/3 POWER P/N 662-0017-00 WITH ADDED 234V	PWDP13233	EI-125 X 1.75	5	117/234 VAC 50/60 HZ 1 PH	S1) 700 VCT @ 150 MA CCS S2) 5.0 VAC @ 2.0A CCS S3) 6.3 VAC @ 6.0A CCS	6
COLLINS 75A-4 POWER P/N 662-0145-00	PWDP13053	EI-125 X 1.75	5	117 VAC 60 HZ 1 PH	S1) 350-160-0-350 VAC @ 150 MA CCS S2) 5.0 VAC @ 2.0A CCS S3) 6.3 VAC @ 6.0A CCS	6

Description	Hammond Part Number	Core	Style (see above)	Primary	Secondary	Approx. Weight (lbs)
COLLINS 75S-1, 75S-3, 75S-3A POWER XFMR P/N 662-0301-00, T-4 (75S-1), T-8 (75S-3, 75S-3A)	PWDP13115	EI-112 X 1.5	4	117 VAC 50/60 HZ 1 PH	S1) 220 VCT @ 0.1A CCS S2) 6.3 VAC @ 6.0A CCS	4
COLLINS 75S-3B, 75S-3C POWER XFMR MAIN POWER XFMR (T-8) P/N 662-0250-010	PWDP13090	EI-112 X 1.5	5	115/230 VAC 60 HZ 1PH	S1) 290 VCT @ 125MA CCS S2) 6.3 VAC @ 5.5A CCS	4
COMMANDER HF-2500 POWER XFMR HEAVY DUTY REPLACEMENT POWER TRANSFORMER	PWDP13011	EI-250 X 4" 29G M6X	2	230 VCT 60 HZ 1 PH	S1) 900 VRMS @ 2.0A ICAS S2) 6.3 VRMS @ 1A CCS	53
DENTRON CLIPPERTON-L POWER TRANSFORMER	PWDP13002	EI-162 X 3.5	2	117/234 VAC 60 HZ 1PH	S1) 0-640-1010 VAC @ 600 MA CCS S2) 12 VAC @ 2A CCS S3) 6.3 VAC @ 16A CCS	24
DENTRON CLIPPERTON-L (Late Production) POWER TRANSFORMER MODIFIED (Filament winding includes C.T.) We believe this power transformer was also used in the later CLIPPERTON QRO	PWDP13123	EI-162 X 3.5	2	117/234 VAC 60 HZ 1PH	S1) 0-640-1010 VAC @ 600 MA CCS S2) 12 VAC @ 2A CCS S3) 6.3 VAC C.T. @ 16A CCS	24
DENTRON CLIPPERTON-L-50 50 HZ VERSION	PWDP13001	EI-162 X 3.5 29G M6X	2	117/234 VAC 50 HZ 1PH	S1) 0-640-1010 VAC @ 600 MA CCS S2) 12 VAC @ 2A CCS S3) 6.3 VAC @ 16A CCS	24
DENTRON MLA-2500B POWER TRANSFORMER	PWDP13102	EI-162 X 3" 29GAM6X	2	115/230 VAC 50/60 HZ 1 PH	S1) 0-600-800 VAC @ 0.9A CCS S2) 12.6 VAC @ 4.0A CCS S3) 6.3 VAC @ 8A CCS S4) 120 VAC @ 0.1A CCS	21
DENTRON 160-10L POWER EXACT REPLACEMENT FOR 160-10L AMPLIFIER	PWDP13048	EI-162 X 3" 29GAM6X	4	115/230 VAC 60 HZ 1 PH	S1) 985 VAC @ 1.0A ICAS OR 0.65A CCS S2) 9.5 VAC @ 1.0A CCS S3) 6.3 VCT @ 16A CCS	21
DRAKE AC-4 POWER XFMR DRAKE AC-4 POWER SUPPLY USED WITH "4" LINES (T-4, T-4X AND TR-4)	PWDP13137	EI-150 X 3" 29GAM6X	2	120/240 VAC 50/60 HZ 1 PH	S1) 265 VAC @ 750 MA CCS S2) 90 VAC @ 350 MA CCS S3) 95 VAC @ 100 MA CCS S4) 12.6 VAC @ 5.5A CCS	14
DRAKE L4B-6 DIRECT REPLACEMENT WITH 6 TERMINAL PRI	PWDP13241	EI-212 X 3	2	120/240 VAC 60 HZ 1PH HI-LO TAPS	S1) 1065/780 VAC @ 0.81A CCS	29
DRAKE L4B-7 and L7 PS DIRECT REPLACEMENT WITH 7 TERMINAL PRI	PWDP13087	EI-212 X 3	2	120/240 VAC 60 HZ 1PH HI-LO TAPS	S1) 1065/780 VAC @ 0.81A CCS	29
DRAKE L4B-7-SP and L7 PS 1170 VAC SECONDARY WITH 7 TERMINAL PRI - NOTE: REQUIRES POWER SUPPLY AND RF AMP MODS	PWDP13054	EI-212 X 3	2	120/240 VAC 60 HZ 1PH HI-LO TAPS	S1) 1170/878 VAC @ 0.81A CCS	29
DRAKE L4B 3CX1200A7 X 2 FIL - NOTE: REQUIRES EXTENSIVE POWER SUPPLY AND RF AMP MODS FIL XFMR FOR 2 EA 3CX1200A7'S IN L4B	PWDF13243	EI-150 X 2.5" 29GM6X	4	0-120/0-62-120 VAC 60 HZ 1 PH	S1) 7.5 VCT @ 42A CCS S2) 22 VAC @ 1A CCS	12
DRAKE R-4, R-4A, R-4B POWER XFMR T15 POWER XFMR FOR DRAKE R-4, R-4A AND R-4B RECEIVER ONLY	PWDP13202	EI-100 X 1.5" 29GM6X	5	120/240 VAC 50/60 HZ 1 PH	S1) 260 VCT @ 0.15A CCS S2) 12.6 VCT @ 2A CCS	3
DRAKE R-4C POWER XFMR T14 POWER XFMR FOR DRAKE R-4C RECEIVER ONLY	PWDP13178	EI-100 X 1.5" 29GM6X	5	20/240 VAC 50/60 HZ 1 PH	S1) 250 VCT @ 0.13A CCS S2) 26 VCT @ 0.65A CCS S3) 6.3 VAC @ 2A CCS	3
DRAKE 1A POWER TRANSFORMER FOR R.L. DRAKE MODEL 1A RECEIVER	PWDP13210	EI-100 X 1.25 29GM6X	2	115 VAC 60 HZ 1 PH	S1) 525 VCT @ 50 MA CCS S2) 12.6 VAC @ 2A CCS	3

Description	Hammond Part Number	Core	Style (see above)	Primary	Secondary	Approx. Weight (lbs)
EICO 720 POWER XFMR 90 WATT CW TRANSMITTER POWER TRANSFORMER	PWDP13262	EI-150 X 2" 29GAM6X	6	117 VAC 60 HZ 1PH	S1) 1400 VCT @ 170 MA CCS S2) 5 VAC @ 2A CCS S3) 6.3 VAC @ 3A CCS	10
ENERGY-ONIX CHOKE P/N 376-056	PWDI13257	C-CORE	10		PR) 2.0 HY @ 1.7A DC (6400 WVDC 1 PH)	37
GATES BC-1 MODULATION REACTOR	PWDI13065	C-CORE	10	40 HENRY 600 MA DC 10KV WORKING VOLTAGE		60
GATES/HARRIS CHOKE 476-0420-000	PWDI13211			5H 2 2.5A, 5600 VDC		
GLOBE CHAMPION LV POWER T1 LV, BIAS, FIL VOLTS FOR MODELS 300 & 350	PWDP13217	EI-150 X 2.5" 29GAM6	5	PR) 115 VAC 60 HZ 1 PH	S1) 900 VCT @ 250 MA CCS S2) 110 VAC @ 0.1A CCS S3) 12.6 VCT @ 3A CCS S4) 5 VAC @ 3A CCS S5) 6.3 VCT @ 6A CCS & 6.3 VAC @ 6A CCS S6) 2.5 VCT @ 10A CCS	12
GLOBE KING 500A MOD POWER 1000 VDC FOR 811A'S & 400 VDC FOR 6L6G	PWDP13052	EI-162 X 2	2	117 VAC 60 HZ 1 PH	1160-350-0-350-1160 VAC @ 450 MA ICAS	15
GLOBE KING 500A/B MOD XFMR PP 811A'S TO SINGLE 4-250A/4-400A RF PA	PWDM13086	EI-150 X 3.5" 29GM6X	5	1465 VCT @ 0.246A CCS (7400 OHMS P-P)	1275 VAC @ 0.283A CCS (1800 VDC @ .4A)	16
GLOBE KING 500B PLATE 1800 VDC @ 400 MA CCS FWB CHOKE INPUT	PWDP13074	EI-175 X 5	5	115 VAC 60 HZ 1 PH	S1) 4000 VCT @ 400 MA ICAS (FWCT)	31
GLOBE KING 500B PLATE (MODIFIED) 1800 VDC @ 400 MA CCS FWB CHOKE INPUT	PWDP13108	EI-175 X 5	5	120/240 VAC 60 HZ 1 PH		31
GLOBE SCOUT 65A POWER XFMR WRL MODEL 65A GLOBE SCOUT TRANSMITTER	PWDP13162	EI-150 X 2" 29G M6X	5	115 VAC 60 HZ 1 PH	S1) 1200 VCT @ 0.2A CCS (500 VDC FWCT) S2) 6.3 VAC @ 3.5A CCS S3) 5 VAC @ 3A CCS	10
GONSET G-50 POWER XFMR 6 METER COMMUNICATOR	PWDP13028	EI-137 X 2" 29GAM6X	5	115 VAC 60 HZ 1 PH	S1) 770 VCT @ 250 MA CCS S2) 5.0 VAC @ 3A CCS S3) 6.3 VAC @ 9A CCS	8
GONSET G-76 POWER XFMR T-1, MAIN POWER TRANSFORMER	PWDP13247	EI-175 X 2.5" 29GM6X	6	115 VAC 60 HZ 1 PH	S1) 1300/540 VCT @ 0.3A CCS S2) 5.0 VAC @ 4A CCS S3) 12.6 VAC @ 5A CCS	17
GONSET GSB-100 POWER ADVERTISED UNIT	PWDP13106	EI-150 X 2	4	117 VAC 60 HZ 1 PH	S1) 720-260-0-130-260-720 VAC @ 150 MA CCS S2) 5.0 VAC @ 3A CCS S3) 5.0 VAC @ 3A CCS S4) 6.3 VAC @ 10A CCS	10
GONSET GSB-101 ER PLATE C EXACT REPLACEMENT UNIT WITH 117 VAC PRI	PWDP13101	EI-162 X 3.5" 29GM6X	4	117 VAC 60 HZ 1 PH	3600 VCT @ 500 MA CCS	24
HALLICRAFTERS HT-32 MARK I T4 MAIN POWER TRANSFORMER	PWDP13141	EI-175 X 3	6	117 VAC 60 HZ	S1) 880-270-90-0-270-880 VAC @ 300MA CCS S2) 6.3 VAC @ 11A CCS S3) 5.0 VAC @ 3A CCS S4) 5.0 VAC @ 3A CCS	19
HALLICRAFTERS HT-33B PLATE REPLACEMENT (2700 VDC FOR PL-172)	PWDP13071	EI-212 X 4.625	4	120 VAC 60 HZ 1 PH	6000 VCT @ 0.350A CCS (FWCT LC RECT)	43
HALLICRAFTERS HT-37 POWER MAIN POWER TRANSFORMER - SAME AS HT-32 MARK 1 (ABOVE)	PWDP13141	EI-175 X 3	6	0-75-117 VAC 60 HZ	S1) 880-270-140-0-270-880 VAC @ 300MA CCS S2) 6.3 VAC @ 11A CCS	19

Description	Hammond Part Number	Core	Style (see above)	Primary	Secondary	Approx. Weight (lbs)
HALLICRAFTERS PS-150-120 POWER TRANSFORMER FOR HT-44 POWER SUPPLY	PWDP13092	EI-175 X 2	6	117 VAC 60 HZ 1 PH	S3) 5.0 VAC @ 3A CCS S4) 5.0 VAC @ 3A CCS	14
HALLICRAFTERS SR-2000 PLATE TRANSFORMER (PLATE & SCREEN) VOLTAGES	PWDP13022	EI-175 X 4" 29G M6	2	117/234 VAC HI-LO TAPS 60 HZ 1PH	S1) 630 VCT @ 450 MA CCS S2) 120 VAC @ 20 MA CCS S3) 12.6 VAC @ 4.5A CCS	25
HALLICRAFTERS SX-28 AUDIO AUDIO OUTPUT	PWDA13083	EI-075 X .75	1	9K OHMS P-P	100/500/5000 OHMS	1
HAMMARLUND HQ-145A POWER T13 MAIN POWER TRANSFORMER	PWDP13094	EI-112 X 1.5 29GM6RH	6	115/230 VAC 60 HZ 1 PH	S1) 360 VCT @ 0.1A CCS S2) 6.3 VAC @ 6A CCS	4
HAMMARLUND HQ-180A POWER REPLACES P/N P26305-1, 115 VAC PRI ONLY	PWDP13021	EI-125 X 1.75	6	115 VAC 60 HZ 1 PH	S1) 420 VCT @ 200 MA CCS S2) 6.3 VAC @ 6A CCS	6
HAMMARLUND HQ-180A POWER (FOR OVERSEAS) REPLACES P/N P26305-1	PWDP13165	EI-125 X 1.75 29GAM6	6	220 VAC 50/60 HZ 1 PH	S1) 420 VCT @ 200 MA CCS S2) 6.3 VAC @ 6A CCS	6
HAMMARLUND HX-500 POWER T16 MAIN POWER XFMR, P/N K42351-1	PWDP13096	EI-150 X 3	6	117 VAC 60 HZ 1 PH	S1) 900-320-110-0-320-900 VAC @ 175MA CCS S2) 12.6 VAC @ 1.2A CCS (5 KV TEST) S3) 6.3 VAC @ 10A CCS	14
HEATH AT-1 POWER XFMR P/N 54-21	PWDP13114	EI-125 X 1.25" 29GM6	5	115 VAC 60 HZ 1 PH	S1) 860 VCT @ 0.1A CCS (FWCT) S2) 5.0 VAC @ 3A CCS S3) 6.3 VAC @ 2A CCS	4
HEATH DX-100 MOD DX-100 MODULATION TRANSFORMER	PWDM13136	EI-112 X 1.5	5	8000 OHMS PP C.T. 845 VCT	500/2800 O @ 250MA(88W) 500 VAC @ .176A	4
HEATH DX-100 PLATE OF OPEN FRAME VERSION	PWDP13234	EI-175 X 2" 29GM6X	4	117 VAC 60 HZ 1 PH	1830 VCT @ 400 MA ICAS	14
HEATH DX-20 POWER MAIN POWER TRANSFORMER FOR HEATH DX-20	PWDP13109	EI-125 X 1.75	5	117 VAC 60 HZ 1 PH	S1) 1200 VCT @ 120 MA CCS S2) 6.3 VAC @ 2A CCS S3) 5.0 VAC @ 3A CCS	6
HEATH DX-35/40 POWER TRANSFORMER	PWDP13105	EI-125 X 1.75 29GAM6	5	117 VAC 60 HZ 1 PH	S1) 750-0-750 VAC @ 150 MA ICAS (FWCT) S2) 6.3 VAC @ 3.25A CCS S3) 5.0 VAC @ 3A CCS S4) 6.3 VAC @ 0.65A CCS	6
HEATH SB-220 / SB-221 - FILAMENT XFMR REPLACEMENT TRANSFORMER	PWDF13057	EI-137 X 1.375	5	120/240 VAC 50/60 HZ 1 PH	S1) 5.0 VCT @ 30A CCS S2) 90 VAC @ 0.1A CCS	6
HEATH HL-2200 POWER XFMR REPLACEMENT FOR SB-220 / SB-221 / HL-220	PWDP13034	EI	2	117/234 VAC 60 HZ HI-LO TAPS	860/1171 VAC @ 0.7A CCS	23
HEATH HL-2200 PLATE EXTRA HD REPLACEMENT WITH 7 MIL C-CORE (SAME AS SB-220 / SB-221 / HL-2200) REQUIRES MODIFICATION TO CHASSIS	PWDP13026	B-0393/ (SIDE MOUNT)	10	117/234 VAC 60 HZ HI-LO TAPS	S1) 860/1171 VAC @ 1.3A CCS	23
HEATH HP-23A/B POWER XFMR FOR HP-23A OR HP-23B POWER SUPPLY	PWDP13135	EI-137 X 2.5" 29GM6X	6	120/240 VAC 60 HZ 1 PH	S1) 282 VAC @ 0.25A CCS S2) 0-95-125 VAC @ 0.1A CCS S3) 12.6 VCT @ 6A CCS	10
HEATH P/N 54-130 HO-13 & HO-10 MONITOR SCOPE POWER XFMR	PWDP13126	EI-100 X 1.5	5	117 VAC 60 HZ 1 PH	S1) 1200 VAC @ .005A CCS S2) 0.625 VAC @ 0.3A CCS (5 KVDC INS) S3) 220 VAC @ .050A CCS	3

Description	Hammond Part Number	Core	Style (see above)	Primary	Secondary	Approx. Weight (lbs)
					S4) 6.3 VAC @ 0.6A CCS S5) 6.3 VAC @ 3.6A CCS	
HEATH RX-1 - MOHAWK PLATE SUGGESTED HAMMOND REPLACEMENT PART NUMBER 272JX REQUIRES PLATE DROPPING RESISTOR (1K OHM, 20 WATT) SEE ARTICLE BY JOHN TREICHLER (KJ6SAV) IN ELECTRIC RADIO (AUGUST 2017) ISSUE FOR DETAILS	272JX					
HEATH SB-1000 POWER XFMR HEATH P/N 54-1061	PWDP13073	EI-175 X 3.5" 29G M6	4	120/240 VAC 60 HZ 1 PH	S1) 1100 VAC @ 0.5A CCS S2) 5.2 VCT @ 15A CCS S3) 10.5 VAC @ 0.5A CCS	22
HEATH SB-200 T-1 MAIN POWER TRANSFORMER - SB-200 / SB-221 60 HZ ONLY	PWDP13227	EI-175 X 3" 29G M-6	2	120/240 VAC 60 HZ 1 PH	S1) 800 VAC @ 500MA CCS S2) 6.3 VCT @ 8A CCS S3) 120 VAC @ 0.1A CCS	19
HEATH SB-230 POWER PLATE, BIAS, & FIL POWER FOR 8873	PWDP13015	EI-150 X 3	5	120/240 VAC 60 HZ 1PH	S1) 800 VAC @ 0.4A CCS S2) 95 VAC @ 0.045A CCS S3) 6.3 VAC @ 3.5A CCS	14
HEATH SB-610 SCOPE XFMR P/N 54-168, T-601 MONTIOR SCOPE POWER	PWDP13070	EI-100 X 1.5	5	120 VAC 60 HZ 1 PH	S1) 600 VAC @ 0.020A CCS S2) 215 VAC @ 0.050A CCS S3) 6.3 VAC @ 1.5A CCS (5 KVDC TEST) S4) 6.3 VAC @ 2.5A CCS	3
HEATH SB-614/620 SCOPE XFMR P/N 54-182, STATION MONTIOR SCOPE POWER	PWDP13099	EI-100 X 1.5" 29GM6X	5	120 VAC 60 HZ 1 PH	S1) 600 VAC @ 0.020A CCS S2) 210 VAC @ 0.050A CCS S3) 6.3 VAC @ 0.6A CCS (5 KVDC TEST) S4) 6.3 VAC @ 0.6A CCS (16 VDC @ 55 MA)	3
HEATH W5M POWER P/N 54-32 OPTION - Electrically similar substitute - our stock Hammond P/N 379X	379X					
HENRY 1KD-5 POWER XFMR T1, P/N ECA-1111, DIRECT REPLACEMENT	PWDP13033	EI-175 X 3" 29G M6X	4	115/230 VAC 50/60 HZ 1PH	S1) 2250 VAC @ 200 MA CCS S2) 5.0 VCT @ 15A CCS	19
HENRY 2K CLASSIC	PWDP13016	EI-250 X 3.125	4	115/230 VAC 60 HZ 1PH	S1) 0-2700-3600 VAC @ 0.5A S2) 10 VCT @ 15A	42
HENRY 2K CLASSIC DC CHOKE L101 HEAVY DUTY REPLACEMENT FOR ECA 5023	PWDI13024	EI-162 X 2.5" 29GM6X	4	8 HY @ 0.8A DC (0.1 MFD 7.5 KVDC CAP)		18
HENRY 2K-2 POWER REPLACEMENT POWER TRANSFORMER	PWDP13215	EI	4	120/240 VAC 60 HZ 1 PH	S1) 3500 VAC @ 0.4A ICAS S2) 10.2 VCT @ 15A CCS	
HENRY 2KD-5 POWER XFMR T1, P/N FDN-7497, DIRECT REPLACEMENT	PWDP13121	EI-212 X 3" 29G M6X	4	115/230 VAC 60 HZ 1PH	S1) 0-1780-2250 VAC @ 400 MA CCS S2) 10.0 VCT @ 15A CCS	29
HENRY 3K-A PLATE HIPERSIL REPLACEMENT FOR HENRY 3K- A	PWDP13084	A-0518/ C- CORE	9	230 VAC 60 HZ HI-LO TAP	S1) 4000/3000 VAC @ 600MA CCS	38
HENRY 4K ULTRA DC CHOKE RESONANT CHOKE - REQUIRES 0.2 MFD	PWDI13097	A-0518/ C- CORE	9	9.0 HY @ 1.0A DC (4500 WVDC)		38

Description	Hammond Part Number	Core	Style (see above)	Primary	Secondary	Approx. Weight (lbs)
10 KVDC CAP						
JOHNSON ADVENTURER POWER VIKING ADVENTURER POWER TRANSFORMER	PWDP13068	EI-125 X 1.75	4	115 VAC 60 HZ 1 PH	S1) 1060 VCT @ 150 MA CCS S2) 6.3 VAC @ 2A CCS S3) 5.0 VAC @ 3A CCS	6
JOHNSON CHALLENGER POWER EFJ P/N 22.1501, T1 MAIN POWER XFMR	PWDP13206	EI-150 X 2	4	115 VAC 60 HZ 1 PH	S1) 1300 VCT @ 275 MA CCS (FWCT) S2) 6.3 VAC @ 5A CCS S3) 5.0 VAC @ 3A CCS	10
JOHNSON DESK KW BIAS T-200 (WILL FIT, BUT NEED NEW MTG HOLES)	PWDP13058	EI-125 X 2	5	115 VAC 60 HZ 1 PH	S1) 300 VCT @ 150 MA CCS S2) 5.0 VAC @ 3A CCS S3) 5.0 VAC @ 3A CCS	7
JOHNSON DESK KW MOD PP 810 MODULATORS TO PARALLEL 4- 250A'S	PWDM13037	EI-175 EE- STACK	8	1800/2400 VCT, 18000/11600 OHMS PP	1768 VAC @ 283 MA CCS (6250 OHMS RFPA)	35
JOHNSON DESK KW PLATE (HR) HIPERSIL REPLACEMENT TRANSFORMER	PWDP13051	A-0480/ C- CORE	10	115/230 VAC 60 HZ 1 PH	2900-2325-0-2325-2900 VAC @ 600 MA CCS	46
JOHNSON DESK KW SCREEN T-201, EFJ P/N 22.1069	PWDP13192	EI-125 X 1.25	5	115 VAC 60 HZ 1 PH (HI- LO TAPS)	1350 VCT @ 125MA OR 1060 VCT @ 130MA	4
JOHNSON INVADER 2000 L301 DC FILTER CHOKE, 4-10 HY @ 500 MA DC	PWDI13231	EI-175 X 2	5	10 HY @ 90 MA TO 4 HY @ 500 MA DC		14
JOHNSON THUNDERBOLT DC CHOKE L101 HIGH VOLTAGE DC FILTER CHOKE	PWDI13205	EI-175 X 2	4	25 HY @ 80 MA TO 5 HY @ 500 MA 2200 VDC		14
JOHNSON THUNDERBOLT PLATE DIRECT REPLACEMENT - PLATE TRANS (SAME AS T-302 - JOHNSON 500 PLATE)	PWDP13046	EI	5	115/230 VAC 60 HZ 1 PH	4800 VCT @ 500 MA CCS	33
JOHNSON VALIANT LOW VOLTAGE POWER TRANSFORMER, (T-2) SNC P/N 3068	PWDP13235	EI-150 X 2	5	117 VAC 60 HZ	S1) 310-215-0-215-310 VAC @ 250 MA CCS S2) 6.3 VAC @ 12A CCS S3) 2.5 VAC @ 10A CCS S4) 5.0 VAC @ 2A CCS	10
JOHNSON VALIANT MOD XFMR EFJ P/N 22.1285, SNC P/N P2998	PWDM13044	EI-125 X 1.5	5	840 VCT @ 0.212A CCS (7300 OHMS P-P)	S1) 450 VCT @ 0.300A CCS (2100 OHMS RF PA)	5
JOHNSON VIKING COURIER CHOKE HV DC FILTER CHOKE	PWDI13055	EI-137 X 2" 29G M6X	5	PR) 10 HY @ 0.35A CCS (1500 WVDC)		8
JOHNSON VIKING COURIER PLATE TO DELIVER 1500 VDC @ 335 MA	PWDP13056	EI-175 X 3" 29GAM6X	5	115 VAC 60 HZ 1 PH	S1) 3600 VCT @ 237 MA CCS	19
JOHNSON VIKING II AUDIO DR SNC P/N 1503 EFJ P/N 22.753	PWDA13076	EI-62 SQ.	3	100 VAC @ .030A CCS (SINGLE 6AU6 PLATE)	S1) 84 VCT @ .036A CCS (PP 807 GRIDS)	1
JOHNSON VIKING II LV POWER T-2, P/N 22.752, P/N P1893	PWDP13225	EI-125 X 2	5	115 VAC 60 HZ 1 PH	S1) 298-70-0-70-298 VAC @ 250MA CCS S2) 6.3 VAC @ 7A CCS S3) 5 VAC @ 2A CCS S4) 5 VAC @ 2A CCS	7
JOHNSON VIKING RANGER CHOKE P/N 22.749, SNC P/N P1501, LV DC CHOKE	PWDI13014	EI-087 X 1	1	15.0 HY @ 95 MA DC (DCR = 290 OHMS)		2
JOHNSON VIKING RANGER AUDIO DR SNC P/N 1503 EFJ P/N 22.753	PWDA13076	EI-62 SQ	3	100 VAC @ .030A CCS	S1) 84 VCT @ .036A CCS (PP 1614 / 6L6 GRIDS)	1
JOHNSON VIKING RANGER II MOD SNC P/N P2429, T2, PP 7027A'S, 32 WATTS	PWDM13007	EI-087 X 1	1	10600 OHM PP, 695 VCT @ .072A CCS	S1) 19.8 VAC @ 0.050A CCS (4% FEEDBACK) S2) 495 VCT @ .065A AC & .130A DC	2
JOHNSON VIKING RANGER PLATE SNC P/N 2793, EFJ P/N 22.985	PWDP13183	EI-150 X 2.5	5	117 VAC 60 HZ	S1) 670-420-140-0-140-420- 670 VAC @ 0.260A S2) 6.3 VAC @ 10A CCS S3) 5.0 VAC @ 3A CCS	12
JOHNSON VIKING 500 L302 10 HY @ 200MA, P/N 22.1264	PWDI13131	EI-112 X 1.5	2	10 HY @ 200MA DC (350 WVDC)		4

Description	Hammond Part Number	Core	Style (see above)	Primary	Secondary	Approx. Weight (lbs)
JOHNSON VIKING 500 L303 EFJ P/N 22.1265 25HY@.08A TO 5 HY @ 0.5A	PWDI13036	EI-175 X 2" 29GAM6X	5	25 HY @ 80 MA TO 5 HY @ 0.5A * 2200 VDC		14
JOHNSON VIKING 500 MOD VIKING 500 MODULATION TRANSFORMER	PWDM13062	EI-212 X 3	4	23000 OHMS P-P 2400 VCT (200-3500 HZ)	S1) 8000 OHMS (2000VDC @ 250MA)1414VAC 250W	29
JOHNSON VIKING 500 PLATE DIRECT REPLACEMENT - PLATE TRANS (T-302)	PWDP13046	EI CORE	5	115/230 VAC 60 HZ 1 PH	4800 VCT @ 500 MA CCS	33
JOHNSON VIKING 500 T-301 LV POWER TRANSFORMER, P/N 22.1266	PWDP13025	EI-175 X 1.75	5	115 VAC 60 HZ 1 PH	S1) 960 VCT @ 200MA CCS S2) 560 VCT @ 100MA CCS S3) 6.4 VCT @ 9A CCS S4) 2.5 VCT @ 10A CCS (10 KVDC INSULATION) S5) 5.0 VCT @ 3A CCS	12
JOHNSON VIKING II HV XFMR SNC P/N #1781 EFJ P/N 23.1002-1	PWDP13160	EI-150 X 2	5	115 VAC 60 HZ	S1) 865-0-865 VAC @ 250MA CCS	10
JOHNSON VIKING II MOD XFMR T5, SNC P/N P1992 PP 807'S TO PAR 6146	PWDM13226	EI-112 X 1.875	5	785 VCT @ 100MA PP 807 @ 7000 OHMS P-P	S1) 500 VAC @ 250MA DC (RP = 2800 OHMS)	5
NATIONAL HRO-60 POWER (R) NOT EXACT REPLACEMENT BUT WILL FIT IN	PWDP13224	EI-150 X 2	5	115/230 VAC 60 HZ 1 PH	S1) 550 VCT @ 200 MA CCS S2) 5.0 VAC @ 3A CCS S3) 0-6.3-13.3 VAC @ 6A CCS	10
NATIONAL NCL-2000 POWER TRANSFORMER (PLATE & SCREEN) VOLTAGES	PWDP13091	EI-175 X 4	2	117/234 VAC HI-LO TAPS 60 HZ 1PH	S1) 1080 VRMS @ 0.91 AMPS CCS S2) 450 VRMS @ 0.070 AMPS CCS	25
NATIONAL NCX-1000 POWER PLATE, DRIVER PLATE & SCREEN VOLTAGES	PWDP13003	EI-175 X 2.5	2	117/234 VAC 60 HZ 1 PH	S1) 1100 VAC @ 0.36A CCS S2) 0-240-480 VAC @ 0.20A CCS	17
PALOMAR 300A POWER	PWDP13148	EI-150 X 2 1/2"	5	117 VAC 60 HZ 1 PH	S1) 310 VRMS @ 1.0 AMP CCS S2) 14 VRMS @ 8 AMPS CCS	
PITTENGER P/N FT-800A7 DUAL 3CX800A7 FILAMENT TRANSFORMER		EI-100 X 1	1	120 VAC 60 HZ 1 PH	13.5 VAC @ 3.0A CCS	2
SWAN 117-XC POWER FOR SWAN 350 AC POWER SUPPLY	PWDP13023	EI-150 X 2	4	117 VAC 60 HZ 1 PH (AC PRIMARY)	S1) 0-9.6-14.4-19.2 VAC @ 6A CCS (DC PRI) S2) 427 VAC @ 300 MA CCS S3) 230 VAC @ 300 MA CCS S4) 90 VAC @ 140 MA CCS	10
SWAN 230-XC POWER FOR SWAN 350 AC POWER SUPPLY	PWDP13027	EI-150 X 2" 29G M-6	4	117/234 VAC 50/60 HZ 1 PH (AC PRIMARY)	S1) 0-9.6-14.4-19.2 VAC @ 6A CCS (DC PRI) S2) 427 VAC @ 300 MA CCS S3) 230 VAC @ 300 MA CCS S4) 90 VAC @ 140 MA CCS	10
SWAN MK II POWER HD SN 10 SM (REQUIRES PS REWORK TO FIT)	PWDP13095	A-0395/C-CORE	10	117/234 VAC 60 HZ 1 PH	S1) 0-583-1123 VAC @ 0.8A CCS S2) 10 VCT @ 15A CCS S3) 12.6 VAC @ 2A CCS	23

Description	Hammond Part Number	Core	Style (see above)	Primary	Secondary	Approx. Weight (lbs)
TEN-TEC 422 & 422B 8 HV TRANSFORMER FOR TEN-TEC MODEL 422 CENTURION LINEAR AMPLIFIER Page 3-1 of the Ten-Tec Centurion Manual (Section 3-1,4) is not correct. The stock unit was not a 2.5KVA nor did it weigh 35 pounds (it weight is 23 pounds) Special thanks to Steve - KD8ZBG for reporting this	PWDP13045	B-393/C-CORE	10	115/230 VAC 60 HZ 1 P	2225 VAC @ 0.5A CCS	23
TEN-TEC 425 TITAN POWER XFMR T1, MAIN POWER TRANSFORMER	PWDP13039	A-0480/C-CORE	10	120/240 VAC 50/60 HZ 1 PH	2225 VAC @ 0.5A CCS	23
TRIAD P-217AL PLATE TRANSFORMER	PWDP13040	EI-175 X 2.5" 29GAM6	5	115/230 VAC 50/60 HZ 1 PH	2880 VCT @ 0.25A DC (FWCT)	17
7.5VCT @ 75A FILAMENT	PWDF13207			0-220-240VAC, 60HZ	7.5 VCT @ 75A CCS	
7.5VCT @ 100A FILAMENT	PWDF13185			115/230 VAC, 50/60 HZ	7.5VCT @ 100A CCS	
1500 VAC @ 1.0A CCS PLATE TRANSFORMER	PWDP13100	EI	4	0-220-240 VAC 60 HZ 1 PH	S1) 1500 VAC @ 1.0A CCS	45
1650/1515/1375V @ 1.2A CCS K FOR 2000 VOLT SUPPLY IN ARRL HANDBOOK	PWDP13078	A-0480/ C-CORE	10	234 VAC 60 HZ 1 PH	0-1375-1515-1650 VAC @ 1.2A CCS	46
1800VCT @ 175 MA	PWDP13048	EI CORE		120VAC, 60 HZ	S1)1800VAC @ 175 MA S2) 560 VAC @ 800 MA S3) 5V @ 2A S4) 5V @ 4A	
2400 VAC @ .4A & 5 VCT @ 15A PLATE & FIL XFMR FOR SINGLE 3-500Z	PWDP13004	EI-162 X 3" 29GAM6X	4	117 VAC 60 HZ 1 PH	S1) 2400 VAC @ 0.4A ICAS S2) 5.0 VCT @ 15A CCS	21
6.3 VCT @ 160A CCS N 3CX15000A7 FILAMENT TRANSFORMER	PWDF13127	A-0393/ C-CORE	10	0-220-240 VAC 60 HZ 1PH	6.3 VCT @ 160A CCS	23
7.0 VCT @ 85A N YU-148 FILAMENT TRANSFORMER	PWDF13050	EI-162 X 3	2	0-220-240 VAC 60 HZ 1 PH	S1) 7.0 VCT @ 85A CCS	21
7.5 VCT @ 100A G FILAMENT TRANSFORMER	PWDF13185	EI-162 X 3.5	2	115/230 VAC 50/60 HZ 1PH	S1) 7.5 VCT @ 100A CCS	24
7.5 VCT @ 55A G ADERVTISED UNIT	PWDF13081	EI-162 X 2	2	115/230 VAC 60 HZ 1 PH	S1) 7.5 VCT @ 55A CCS	15

Tags: peter w dahl, peter dahl, transformers, chokes, amateur radio

Data subject to change without notice