POWER TUBES
TRIODES, TETRODES & PENTODES

TYPE NO.	FILAMENT		Mu	Max. Diss. Watts	TYPICAL OPERATION						MAX. FREQ. mc/sec
					PLATE			GRID		SCREEN	
	Volts	Amps			Volts DC	Amps DC	Output Watts	Volts DC	Amps DC	Volts DC	Full Input Watts
849	11.0	5	19	500	2,500	0.350	630	-250	0.013	-	3
849-A	11.0	7.7	19	500	3,000	0.500	1,200	-500	0.100	-	20
880	12.6	315	20	20,000	10,000	6.0	40,000	-1200	0.800	-	25
889-A	11.0	125	21	5,000	7,500	2.0	10,000	-800	0.240	-	50
889-RA	11.0	125	21	5,000	7,500	2.0	10,000	-800	0.240	-	25
891	22.0	60.0	8	6,000	10,000	1.45	10,000	-3000	0.150	-	1.6
891-R	22.0	60.0	8	4,000	10,000	1.4	10,000	-2000	0.150	-	1.6
892	22.0	60.0	50	10,000	12,000	1.55	14,250	-1600	0.165	-	1.6
892-R	22.0	60.0	50	4,000	10,000	1.40	10,500	-1300	0.160	-	1.6
Z8-3200	22.0	40.5	75	2,500	8,000	0.960	5,800	-400	0.150	-	10
5604	11.0	176.0	19	10,000	12,000	2.5	22,500	-1170	0.220	-	22.5
5619	11.0	176.0	19	20,000	12,000	2.5	22,500	-1170	0.220	-	22.5
5658	12.0	290.0	20.5	10,000	10,000	3.8	28,000	-870	0.550	-	15
5666	11.0	120.0	21	12,500	9,000	2.0	12,200	-750	0.210	-	22.5
5667	11.0	120.0	21	7,500	9,000	2.0	12,200	-750	0.210	-	22.5
5736	6.0	60.0	22	2,500	5,000	1.0	4,100	-850	0.210	-	60
5771	7.5	170	20	22,500	12,500	4.8	44,000	-630	0.750	-	25
5866/AX-9900	6.3	5.4	25	135	2,500	0.200	390	-300	0.045	-	150
5867/AX-9901	5.25	14.1	25	250	3,000	0.363	950	-400	0.080	-	100
5868/AX-9902	10.0	10.0	27	450	4,000	0.475	1,673	-350	0.100	-	100
5894	12.6 6.3	0.9 1.8	8.2**	CCS=40 ICAS=45	CCS=600 ICAS=750	0.200	CCS=85 ICAS=105	-80	0.005	250	250
5923/AX-9904	12.6	33.0	32	6,000	6,000	1.5	6,900	-400	0.310	-	75
5924/AX-9904-R	12.6	33.0	32	6,000	6,000	1.5	6,900	-400	0.310	-	75
5924A	12.6	33.0	32	CLASS B, TV SERVICE, SYNC. LEVEL							75 Full Input
				6,000	5,000	1.90	6,250	-140	0.350	-	220 Derated
6075/AX-9907	6.3 6.3	33.5 33.5	7.5** 7.5**	3,000 3,000	4,000 5,000	1.10 1.10	3,300 4,100	-250 -250	0.070 0.070	800 800	220 75
6076/AX-9907-R	6.3 6.3	33.5 33.5	7.5 7.5	3,000 3,000	4,000 5,000	1.10 1.10	3,300 4,100	-250 -250	0.070 0.070	800 800	220 75
6077/AX-9906	18.0	196.0	27	100,000	12,000	12.0	108,000	-1000	2.250	-	30
6078/AX-9906-R	18.0	196.0	27	45,000	10,000	12.0	108,000	-1000	2.6	-	30
6079/AX-9908	10.0	9.7	9.5**	500	5,000	0.452	1,760	-200	0.030	700	75

**Grid No. 2 to Grid No. 1.

NOTE: Typical operation as R-F amplifier and oscillator Class C telegraphy, key down conditions per tube, without modulation for frequencies indicated.

INTERELECTRODE CAPACITANCE - μμf			DESCRIPTION	TYPE NO.
G-P	G-F	P-F		
33.0	11.0	2.0	Radiation and forced-air-cooled triode. Still popular as replacement in some A-M broadcast transmitters and R-F heating.	849
11.5	14.0	1.8	Same information as above. Interelectrode capacitance different.	849-A
26.0	29.0	2.6	Water-cooled triode. This rugged "powerhouse" very popular in broadcasting stations and ideal for R-F heating applications.	880
17.8	19.5	3.0	Water-cooled triode. Another rugged high power R-F tube for broadcasting stations and R-F heating applications.	889-A
20.7	19.5	3.0	Forced-air-cooled triode version of 889-A, with improved radiator design.	889-RA
28.0	16.0	3.0	Water-cooled triode. This is one of the tubes that built Amperex reputation. Used in 5 and 10 kw broadcasting stations. Also popular in R-F heating.	891
30.0	16.0	3.0	Forced-air-cooled version of 891.	891-R
32.0	17.0	1.8	Water-cooled triode. Widely used all over the world in broadcasting stations. Also another ideal R-F heating tube.	892
32.0	17.0	2.0	Forced-air-cooled version of 892.	892-R
10.0	13.0	2.0	Forced-air-cooled triode. Original Amperex design. 5.8 kw output at 10 mc with zero bias. Used principally in broadcasting.	ZB-3200
25.0	30.0	1.25	Forced-air-cooled triode. Ideal oscillator for R-F heating and broadcast service.	5604
24.0	30.0	1.0	Water-cooled version of 5604.	5619
24.0	39.0	2.5	Industrial water-cooled version of type 880	5658
18.0	23.5	2.6	Water-cooled triode. Heavy duty version of 889-A for industrial R-F heating application.	5666
18.5	23.5	3.0	Forced-air cooled triode. Heavy duty version of 889-RA for industrial R-F heating application.	5667
14.5	17.5	0.5	Thoriated tungsten filament power triode, Modulator, amplifier or oscillator for H.F. transmitters and R.F. power amplifier in wide-band TV service.	5736
24.5	47.0	3.0	Improved version of 880 with thoriated tungsten filament for high emission capability and a saving of 70% in filament power. Has rugged Kovar grid and filament seals. For industrial & communication applications.	5771
5.5	5.8	0.1	Radiation and/or forced-air-cooled H.F. triode of original Amperex design. Powdered glass dish-type base with extremely low lead inductance makes this tube ideally suited for almost any H-F application.	5866/AX-9900
5.3	7.0	0.15	Radiation and/or forced-air-cooled H.F. low drive triode of original Amperex design.	5867/AX-9901
8.0	11.0	0.35	Radiation and/or forced-air-cooled H-F triode with rugged 100 watt filament. Of original Amperex design, for all heavy duty R-F applications.	5868/AX-9902
0.08	Input 6.7 Output 2.1 (Push-Pull)		Radiation and/or forced-air-cooled twin-tetrode of original Amperex design as H-F version of conventional 829-B. Makes ideal multiplier, as well as straight amplifier and modulator.	5894
11.0	16.0	0.3	Water-cooled low drive H.F. triode. Rugged for H.F. heating application.	5923/AX-9904
11.0	16.0	0.3	Forced-air cooled version of type 5923.	5924/AX-9904-R
11.0	16.0	0.3	Forced-air cooled triode for FM & TV transmitters. Brazed radiator shell & external surfaces silverplated throughout.	5924A
	24.0 24.0	8.5 8.5	Water-cooled low drive, H-F tetrode designed for F-M and television transmitter power amplifier.	6075/AX-9907
0.2 0.2	24.0 24.0	8.5 8.5	Forced-air-cooled external anode version of 6075/AX-9907	6076/AX-9907-R
6.0	116.0	3.4	Water-cooled triode, thoriated-tungsten filament. Designed for high power communication and industrial R-F heating services.	6077/AX-9906
86.0	116.0	3.4	Forced-air-cooled version of 6077/AX-9906. Improved radiator with unique air flow chamber design for minimum air flow requirements. Highest power air cooled tube in the world.	6078/AX-9906-R
0.24	Input 25 Output 7.2		Radiation and/or forced-air-cooled low drive H-F tetrode for F-M and A-M transmitters. Also ideal in screen modulator stages.	6079/AX-9908