

POWER TUBES - TRIODES (Continued)

TYPE NO.	FILAMENT		Mu	Max. Diss. Watts	TYPICAL OPERATION					MAX. FREQ. mc Full Input Watts	
	Volts	Amps			PLATE			GRID			
					Volts DC	Amps DC	Output Watts	Volts DC	MA DC		
ZB3200	22.0	40.5	75	2,500	8,000	0.960	5,800	-400	150	10	
356	7.5	170	20	22,500	15,000	4.4	51,000	-1500	0.37	25	
502	7.5	24	17	1,500	3,500	0.860	2,175	-450	150	150	
502R	7.5	24	17	1,500	3,500	0.860	2,175	-450	150	150	
504R	7.5	24	17	1,000	3,500	0.860	2,175	-750	150	150	
805	10	3.25		125	1,500	0.2	215	- 105	0.04	30	
810	10	4.5	36	125	2,000	0.250	375	-160	40	100	
811A	6.3	4	160	45	1,250	0.140	135	-50	45	100	
812A	6.3	4	29	45	1,250	0.140	130	-90	30	100	
834	7.5	3.25	10.5	50	1,250	0.1	75	- 225	0.015	100	
838	10	3.25		100	1,250	0.175	130	- 90	0.03	30	
845	10	3.25		75	1,250	0.2 Peak	105	-225			
833A	10.0	10.0	35	400	4,000	0.450	1,440	-200	75	30	
849	11.0	5	19	500	2,500	0.350	630	-250	13	3	
849A	11.0	7.7	19	500	3,000	0.500	1,200	-500	100	20	
880	12.6	320	20	20,000	10,000	6.0	40,000	-1200	800	25	
889A	11.0	125	21	5,000	7,500	2.0	10,000	-800	240	50	
889RA	11.0	125	21	5,000	7,500	2.0	10,000	-800	240	25	
891	22.0	60.0	8	6,000	10,000	1.45	10,000	-3000	150	1.6	
891R	22.0	60.0	8	4,000	10,000	1.4	10,000	-2000	150	1.6	
892	22.0	60.0	50	10,000	12,000	1.55	14,250	-1600	165	1.6	
892R	22.0	60.0	50	4,000	10,000	1.40	10,500	-1300	160	1.6	
5604	11.0	176.0	19	10,000	12,000	2.5	22,500	-1170	220	22.5	
5619	11.0	176.0	19	20,000	12,000	2.5	22,500	-1170	220	22.5	
5658	12.0	290.0	20.5	10,000	10,000	3.8	28,000	-870	550	15	
5666	11.0	120.0	21	12,500	9,000	2.0	12,200	-750	210	22.5	
5667	11.0	120.0	21	7,500	9,000	2.0	12,200	-750	210	22.5	
5759/501R	7.5	24	17	1,000	3,500	0.870	2,175	-250	133	150	
5771	7.5	170	20	22,500	12,500	4.8	44,000	-630	750	25	
5866	6.3	5.4	25	135	2,500	0.200	390	-300	45	150	
7986											
5867											
5867 A											
5868	10.0	10.0	27	450	4,000	0.475	1,673	-350	100	100	
5923	12.6	33.0	32	6,000	6,000	1.5	6,900	-400	310	75	
5924	12.6	33.0	32	5,000	6,000	1.5	6,900	-400	310	75	
5924A	12.6	33.0	32	6,000	CLASS B, TV SERVICE, SYNC. LEVEL				75 Full Input 220 Deredated		
					5,000	1.90	6,250	-140			350

	INTERELECTRODE CAPACITANCE - $\mu\mu f$			DESCRIPTION	TYPE NO.
	G-P	G-F	P-F		
	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.	ZB3200
	24.5	35	2.5	Water-cooled tube for use as a modulator amplifier or oscillator. Suited for broadcast, communication or industrial service.	356
	10	14	1.3	Water-cooled triode for use as a power amplifier and oscillator.	502
	10	14	1.3	Forced-air cooled triode. Ideal power amplifier and oscillator. Has a thoriated-tungsten filament	502R
	10.5	14.0	1.3	Forced-air cooled triode similar to Amperex 501R minus flexible leads. Interchangeable with 7C26 with very minor circuit changes.	504R
	6.5	8.5	10.5	High mu tube for use as an RF amplifier, oscillator, and class B AF amplifier.	805
	4.8	8.7	12	Transmitting triode designed for use as RF power amplifier and oscillator final amplifier stage.	810
	5.6	5.9	0.7	Power triode designed for use as an RF power amplifier, modulator and oscillator	811A
	5.5	5.4	0.77	Power triode designed for use as an RF amplifier, modulator and self-rectifying oscillator.	812A
	2.6	2.2	0.6	A radiation cooled RF oscillator and amplifier intended for replacement service.	834
	8	6.5	5	A zero bias class B AF power amplifier, RF oscillator or power amplifier.	838
	13.5	6	6.5	Class A and class AB modulator.	845
	6.3	12.3	8.5	Radiation and forced-air cooled triode used widely in AM transmitters and also some RF heating applications. (Refer to 5868/AX9902 data).	833A
	33.0	11.0	2.0	Radiation and forced-air cooled triode. Still popular as replacement in some AM broadcast transmitters and RF heating.	849
	11.5	14.0	1.8	Same information as above. Interelectrode capacitance different.	849A
	26.0	29.0	2.6	Water-cooled triode. This rugged "powerhouse" very popular in broadcasting stations and ideal for RF heating applications.	880
	17.8	19.5	3.0	Water-cooled triode. Another rugged high power RF tube for broadcasting stations and RF heating applications.	889A
	20.7	19.5	3.0	Forced-air cooled triode version of 889 A, with improved radiator design.	889RA
	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 RF heating.	891
	30.0	16.0	3.0	Forced-air cooled version of 891.	891R
	32.0	17.0	1.8	Water-cooled triode. Widely used all over the world in broadcasting stations. Also another ideal RF heating tube. Also see 6333 improved version.	892
	32.0	17.0	2.0	Forced-air cooled version of 892. Also see 6445 improved version.	892R
	25.0	30.0	1.25	Forced-air cooled triode. Ideal oscillator for RF heating and broadcasting 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 RF heating application.	5666
	18.5	23.5	3.0	Forced-air cooled triode. Heavy duty version of 889 RA for industrial RF heating application.	5667
	10.0	14.0	1.3	Forced-air cooled triode. Low voltage, high current characteristics. Ideal for RF heating. Has a thoriated-tungsten filament.	5759/501R
	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 application.	5771
	5.5	5.8	0.1	Radiation and/or forced-air cooled HF triode of original Amperex design. Powdered glass dish-type base with extremely low lead inductance makes this tube ideally suited for almost any HF application.	5866 7986
	5.0	6.3	0.16	Radiation and/or forced-air cooled HF low drive triode of original Amperex design.	5867 5867 A
	8.0	11.0	0.35	Radiation and/or forced-air cooled HF triode with rugged 100 watt filament. Of original Amperex design, for all heavy duty RF applications.	5868
	11.0	16.0	0.3	Water-cooled low drive HF triode. Rugged for HF heating application.	5923
	11.0	16.0	0.3	Forced-air cooled version of type 5923	5924
	11.0	16.0	0.3	Forced-air cooled triode for FM & TV transmitters. Brazed radiator shell & external surfaces silverplated throughout.	5924A