

SPECIAL PURPOSE TUBES—RECEIVING AND MISCELLANEOUS TYPES Cont'd

PENNSYLVANIA ELECTRONIC TUBES 155

TYPE	CONSTRUCTION			EMITTER			NOTES (1) (2) CAPACITIES IN $\mu\mu\text{f}$			USE	PLATE VOLTS	SCREEN VOLTS	NEG. VOLTS GRID	PLATE CUR- RENT MA	SCREEN CUR- RENT MA	PLATE RESIST- ANCE OHMS	AMP. FACTOR OR Gm μMHOS	LOAD FOR STATED POWER OUTPUT	POWER OUTPUT MW
	CLASS	STYLE	BASE	TYPE	VOLTS	AMPS	C _{gp}	C _{in}	C _{out}										
5749/ 6BA6W (3)	Ruggedized version of Type 6BA6. Data same as Type 6BA6.																		
5751 (3)	Duodiode	T-6½	9A	Cathode	6.3 12.6	.35 .175	1.4★ ...	1.4★ ...	...	Audio Amplifier	Characteristics same as Type 12A X7. For Reliable Operation. Cout Sec. 1=0.46 $\mu\mu\text{f}$ ★ Cout Sec. 2=0.36 $\mu\mu\text{f}$ ★								
5814A (3)	Duodiode	T-6½	9A	Cathode	12.6 6.3	0.175 0.35	1.5★ ...	1.6★ ...	...	Amplifier	100 250	.... ....	8.5 0	11.8 10.5	.... ....	6,250♦ 7,700♦	19.5 17	Cout Sec. 1=0.5 $\mu\mu\text{f}$ ★ Cout Sec. 2=0.35 $\mu\mu\text{f}$ ★	
5845	Duodiode	T-5½	5CA	Filament	5.0m	0.435	...	...	0.8	Control Diode	300m	....	....	2.0m	Temperature limited filament emission.				
5931 (3)	Duodiode	T-12	5T	Filament	5.0	3.0	...	...	...	F.W. Rectifier	Characteristics same as Type 5U4G.								
5932 (3)	Beam Amp.	T-12	7S	Cathode	6.3	0.90	...	...	...	Power Amplifier	Characteristics same as Type 6L6G.								
9001	See Condensed Data Section.																		
9002	See Condensed Data Section.																		
9003	See Condensed Data Section.																		
X6030	Diode	Lock-In	X6030	Filament	3.0m	0.6	...	...	...	Noise Diode	90 250 1,400	.... .... ....	.... .... ....	4.0m 3.0m .535m	.... .... ....	.... .... ....	.... .... ....	.... .... ....

NOTES:

- (1) Values are given shielded unless marked with ★.
- (2) Converter tube capacities given are signal grid to plate; R F Input, mixer output.
- (3) Has special Mechanical and/or life characteristics.
- * Applied through 250,000 ohms.
- m Maximum.
- * Per tube or section.
- ▲ Cathode self bias resistor in ohms.
- ▼ Conversion Transconductance.
- ♦ Approximate.
- ↓ Plate to Plate.

- Gm for pentodes and tetrodes, etc.;
amplification factor for triodes.