

SPECIAL PURPOSE TUBES—SUBMINIATURE RECEIVING TYPES Cont'd

TYPE	CLASS	CONSTRUCTION		EMITTER			CAPACITANCES IN $\mu\mu F^*$			USE	PLATE VOLTS	SCREEN VOLTS	NEGATIVE GRID	PLATE CURRENT MA	SCREEN CURRENT MA	PLATE RESIS. OHMS	AMP. FACTOR OR G_m $\mu\mu\text{MHOS}$	OHMS LOAD	OUTPUT MW
		BULB SIZE	BASING DIAG.	TYPE	VOLTS	AMPS.	C _{gp}	C _{in}	C _{out}										
†5899	Pentode	3-1	8DL	K	6.3	0.15	.015m	4.4	3.4	R F Amp.	100	100	120▼	7.2	2.2	260,000	4,500	....	....
†5902	Pentode	3-3	8DL	K	6.3	0.45	0.20m	6.5	7.5	Power Amp.	110	110	270▼	30	2.2	15,000	4,200	....	1,000
†5906	Pentode	3-1	8DL	K	26.5	0.045	.015m	4.2	3.4	R F Amp.	100	100	150▼	7.5	2.4	280,000	5,000	....	....
†5977	Triode	3-1	8DK	K	6.3	0.15	1.3	2.0	2.2	Amplifier	100	....	270▼	10.0	....	3,650	16	....	....
†5987	Triode	3-4	8DM	K	6.3	0.45	3.2	3.2	5.0	Amplifier	100	....	18	9.0	....	....	4.1	$G_m = 1,850$	
†6021	DuoTriode	3-1	8DG	K	6.3	0.3	1.4	2.1	...	U H F Amp.*	100	....	150▼	6.5	....	6,480	35	C _{out} Sec. 1 = 1.3	
†6110	Duodiode	3-1	8DJ	K	6.3	0.15	....	...	...	U H F Det.	Peak Inverse Voltage = 460 Volts. Peak Anode Current = 26.4 Ma Per Plate.								
†6111	Duotriode	3-1	8DG	K	6.3	0.3	1.5	1.9	0.28 0.32	Med. Mu Amp.*	100	....	220▼	8.5	....	4,200	20	....	....
†6112	DuoTriode	3-1	8DG	K	6.3	0.3	1.0	1.7	0.23 0.28	High Mu Amp.*	100 150	....	1,500▼ 820▼	0.8 1.75	....	38,900 28,000	70 70	....	....
†6205	Pentode	3-1	8DC	K	6.3	0.15	.015	4.2	3.4	U H F Amp.	100	100	150▼	7.5	2.4	0.26 Meg.	5,000	....	....
†6206	Pentode	3-1	8DC	K	6.3	0.15	.015	4.2	3.4	U H F Amp.	100	100	120▼	7.5	2.0	0.26 Meg.	4,500	Semi-Remote Cutoff	

NOTES:

- * Values given shielded unless indicated with *. Converter tube capacitances given are signal grid to plate; R F Input and mixer output.
- ▼ Conversion Transconductance.
- ◆ Approximate.
- * Per Section.
- † Premium performance type has special mechanical and/or life characteristics. Additional information available on request.
- ▼ Cathode Self Bias Resistor—Ohms.
- m Maximum.
- G_m for pentode and tetrodes, etc.; amplification factor for triodes.

NOTE: Emitter Types—(F) Filament, (K) Unipotential Cathode, (CK) Cold Cathode.