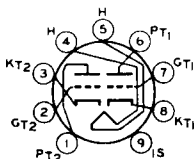


Plate Resistance (Approx.)	13000	28000	ohms
Transconductance	8000	8000	μmhos
Load Resistance	2000	4000	ohms
Total Harmonic Distortion	10	10	per cent
Maximum-Signal Power Output	2.1	3.8	watts

MAXIMUM CIRCUIT VALUES

Grid-No.1-Circuit Resistance:			
For fixed-bias operation		0.1	megohm
For cathode-bias operation		0.5	megohm



9AJ

MEDIUM-MU TWIN TRIODE

**6DJ8/
ECC88**
INDUSTRIAL
TYPE

Miniature type used as a cascode amplifier in vhf color and black-and-white television tuners. Outlines section, 6B; requires miniature 9-contact socket.

Heater Voltage (ac/dc)		6.3	volts
Heater Current		0.365	ampere
Heater-Cathode Voltage:			
Peak value	Unit No. 1	Unit No. 2	volts
Average value	50	—130	volts
Direct Interelectrode Capacitances:			
Grid to Plate	1.4	1.4	pF
Grid to Cathode, Heater, and Internal Shield	3.3	—	pF
Cathode to Grid, Heater, and Internal Shield	—	6.0	pF
Plate to Cathode, Heater, and Internal Shield	1.8	—	pF
Plate to Grid, Heater, and Internal Shield	—	2.8	pF
Plate to Cathode	—	1.8	pF
Heater to Cathode	—	2.7	pF
Grid to Heater		0.13	pF
Plate of Unit No. 1 to Plate of Unit No. 2		0.045	pF
Grid of Unit No. 2 to Plate of Unit No. 1		0.005	pF

Class A₁ Amplifier (Each Unit)

MAXIMUM RATINGS (Design-Center Values)

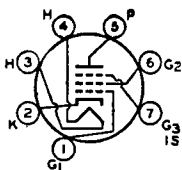
Plate Supply Voltage	130	volts
Cathode Current	25	mA
Plate Dissipation	1.8	watts
Negative Grid Voltage	50	volts
Plate Supply Voltage (cold condition)	550	volts

CHARACTERISTICS

Plate Voltage	90	volts
Grid Voltage	—1.3	volts
Amplification Factor	33	
Transconductance	12250	μmhos
Plate Current	15	mA
Equivalent Noise Resistance	300	ohms

MAXIMUM CIRCUIT VALUES

Grid-Circuit Resistance	1.0	megohm
Heater to Cathode Circuit Resistance	0.02	megohm



7CM

SHARP-CUTOFF PENTODE

3DK6, 4DK6, 12DK6

6DK6

Miniature type used as if-amplifier tube in color and black-and-white television receivers. Outlines section, 5C; requires miniature 7-contact socket. Types 3DK6, 4DK6, and 12DK6 are identical with type 6DK6 except for heater ratings.