

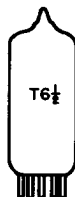
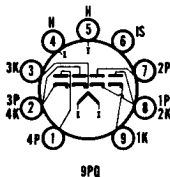
Color Television Type

PHASE DETECTOR COLOR KILLER**6JU8A**

8JU8A

Quadruple Diode

Construction Miniature T-6½
 Base Button 9 Pin, E9-1
 Basing 9PQ
 Outline 6-2
 Maximum Diameter 0.875 In.
 Maximum Seated Height 1.937 In.
 Maximum Overall Height 2.187 In.

**ELECTRICAL DATA
HEATER OPERATION**

Heater Voltage
 Heater Current
 Heater Warm-up Time
 Maximum Heater-Cathode Voltage

8JU8A
 8.4
 450
 11

6JU8A
 6.3 Volts
 600 Ma
 — Sec.

Heater Negative with Respect to Cathode

300 Volts

Heater Positive with Respect to Cathode

300 Volts

DIRECT INTERELECTRODE CAPACITANCES (Unshielded)

K (Unit 1) to P (Unit 1) and K (Unit 2) 1.8 Pf
 P (Unit 2) to P (Unit 1) and K (Unit 2) 2.2 Pf
 P (Unit 2) to Heater and IS 0.62 Pf
 K (Unit 3) to P (Unit 3) and K (Unit 4) 1.9 Pf
 P (Unit 4) to P (Unit 3) and K (Unit 4) 2.2 Pf
 P (Unit 4) to Heater and IS 0.94 Pf
 K (Unit 1) to Heater and IS 1.8 Pf
 K (Unit 3) to Heater and IS 1.9 Pf

RATINGS (Design Maximum Rating System) (Each Section)

Peak Inverse Plate Voltage (Max.) 300 Volts
 DC Output Current (Max.) 9 Ma
 Peak Plate Current (Max.) 54 Ma

CHARACTERISTICS AND TYPICAL OPERATION

Plate Current at Eb = 10 Volts 60 Ma

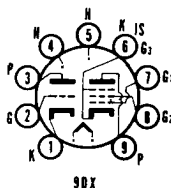
Color Television Type

**VOLTAGE AMP. or SYNC SEP. (T)
VIDEO AMPLIFIER (P)****6JV8**

8JV8,

**High Mu Triode and
Sharp Cutoff Pentode**

Construction Miniature T-6½
 Base Button 9 Pin, E9-1
 Basing 9DX
 Outline 6-3
 Maximum Diameter 0.875 In.
 Maximum Seated Height 2.375 In.
 Maximum Overall Height 2.625 In.

**ELECTRICAL DATA
HEATER OPERATION**

Heater Voltage
 Heater Current
 Heater Warm-up Time
 Maximum Heater-Cathode Voltage

8JV8
 8.5
 450
 11

6JV8
 6.3 Volts
 600 Ma
 11 Seconds

Heater Negative with Respect to Cathode

200 Volts

Total DC and Peak

Heater Positive with Respect to Cathode

DC

100 Volts

Total DC and Peak

200 Volts

DIRECT INTERELECTRODE CAPACITANCES (Unshielded)**Triode Section**

Grid to Plate
 Input: g to (h + k)
 Output: p to (h + k)

2.2 Pf
 3 Pf
 2 Pf