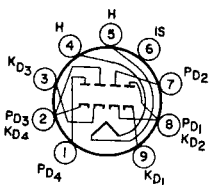


Refer to chart at end of section.

6JU8

## 6JU8A

8JU8A



9PQ

## QUADRUPLE DIODE

Miniature type used in phase-detector and noise-immune color-killer circuits of color television receivers, and in bridge-matrixing circuits in FM stereo multiplex equipment. **Outlines section, 6B**; requires miniature 9-contact socket. Units 1 and 2 are shielded from units 3 and 4 to minimize coupling between the series-

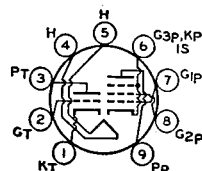
connected pairs of diodes. Type 8JU8A is identical with type 6JU6A except for heater ratings.

Heater Voltage (ac/dc)	6JU8A 6.3	8JU8A 8.4	volts
Heater Current	0.6	0.45	ampere
Heater Warm-up Time	—	11	seconds
Peak Heater-Cathode Voltage	±300 max	±300 max	volts
Direct Interelectrode Capacitances (Approx.):			
Plate of Unit No.1 and Cathode of Unit No.2 to Cathode of Unit No.1		1.8	pF
Plate of Unit No.1 and Cathode of Unit No.2 to Plate of Unit No.2		2.2	pF
Plate of Unit No.2 to Heater and Internal Shield		0.62	pF
Plate of Unit No.3 and Cathode of Unit No.4 to Cathode of Unit No.3		1.9	pF
Plate of Unit No.3 and Cathode of Unit No.4 to Plate of Unit No.4		2.2	pF
Plate of Unit No.4 to Heater and Internal Shield		0.94	pF
Cathode of Unit No.1 to Heater and Internal Shield		1.8	pF
Cathode of Unit No.3 to Heater and Internal Shield		1.9	pF
<b>MAXIMUM RATINGS</b> (Design-Center Values, Each Diode Unit)			
Peak Inverse Plate Voltage		300	volts
Peak Plate Current		54	mA
Average Output Current		9	mA
<b>CHARACTERISTIC</b> , Instantaneous Value (Each Unit)			
Plate Current for plate voltage of 10 volts		60	mA

## HIGH-MU TRIODE— SHARP-CUTOFF PENTODE

## 6JV8

8JV8



9DX

Miniature type used in television receiver applications, particularly those having low-voltage "B" supplies. The triode unit is used in sound-if, keyed-age, sync-separator, sync-amplifier, and noise-suppression circuits. The pentode unit is especially useful as a video amplifier tube. **Outlines section, 6E**; requires miniature 9-contact socket. Type 8JV8 is identical with type 6JV8 except for heater ratings.

Heater Voltage (ac/dc)	6JV8 6.3	8JV8 8.5	volts
Heater Current	0.6	0.45	ampere
Heater Warm-up Time (Average)	11	11	seconds
Heater-Cathode Voltage:			
Peak value	±200 max	±200 max	volts
Average value	100 max	100 max	volts
Direct Interelectrode Capacitances (Approx.):			
Triode Unit:			
Grid to Plate		2.2	pF
Grid to Cathode and Heater		3	pF
Plate to Cathode and Heater		2	pF
Pentode Unit:			
Grid No.1 to Plate		0.08 max	pF
Grid No.1 to Cathode, Heater, Grid No.2, Grid No.3, and Internal Shield		8	pF