Medium-Mu Triode

NUVISTOR TYPE
ALL-CERAMIC-AND-METAL CONSTRUCTION

Designed to Withstand Severe Mechanical Shock and Vibration in Industrial Applications, the 8393 is a General-Purpose Tube for Use in Amplifier and Oscillator Service at Frequencies Extending into the UHF Region

The 8393 is the same as the 7586 except for the following items:

Electrical:

Heater Characteristics and Ratings:
- Voltage (AC or DC) . . . . . . . . . . . . . 13.5 ± 1.4 volts
- Current at heater volts = 13.5 . . . . . . . 0.060 amp

Direct Interelectrode Capacitances (Approx.):
- Grid to plate . . . . . . . . . . . . . . . . . . . . . . 2.4 pf
- Input: G to (K,S,H) . . . . . . . . . . . . . . . 4.4 pf
- Heater to cathode . . . . . . . . . . . . . . . . 1.7 pf

CHARACTERISTICS RANGE VALUES

Note a  Min.  Max.

Heater Current . . . . . . . . . . . . . . . . . 10  0.055  0.065 amp

Direct Interelectrode Capacitances:
- Grid to plate . . . . . . . . . . . . . . . . . . . . . . 2  2.0  2.8 pf
- Input: G to (K,S,H) . . . . . . . . . . . . . . . 2  4.0  4.8 pf
- Heater to cathode . . . . . . . . . . . . . . . . 2  1.4  2.0 pf
- Transconductance (2) . . . . . . . . . . . . . 11  9000  - μmhos

Note 10: With 13.5 volts ac or dc on heater.
Note 11: With 12.0 volts ac or dc on heater.

SPECIAL RATINGS & PERFORMANCE DATA

Heater Cycling:
- Heater volts = 18.0

Note: 1 and 5 shown in 7586 data sheets are to be substituted by Notes 10 and 11 respectively for type 8393.