



7A6

7A6 TWIN DIODE

GENERAL DATA

Electrical:

Heater, for Unipotential Cathodes:

Voltage. $6.3^{\square}$ ac or dc volts.
Current. $0.15^{\square\square}$ amp

Direct Interelectrode Capacitances (Approx.):^o

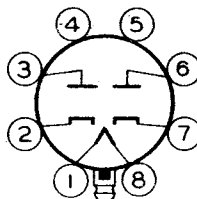
Plate to Cathode
(Diode No.1) 2.0 μf
Plate to Cathode
(Diode No.2) 2.6 μf
Plate of Diode No.1 to
Plate of Diode No.2 0.1 max. μf

^o With external shield connected to cathodes.

Mechanical:

Mounting Position. Any
Maximum Overall Length 2-25/32"
Maximum Seated Length. 2-1/4"
Maximum Diameter 1-3/16"
Bulb T-9
Base Lock-in 8-Pin
Basing Designation for BOTTOM VIEW 7AJ

Pin 1 - Heater
Pin 2 - Cathode of
Diode No.2
Pin 3 - Plate of
Diode No.2
Pin 4 - No
Connection



Pin 5 - Internal
Shield
Pin 6 - Plate of
Diode No.1
Pin 7 - Cathode of
Diode No.1
Pin 8 - Heater
Plug - Base Shell

Maximum Ratings, Design-Center Values (Each Diode):

RMS PLATE VOLTAGE. 150 max. volts
PEAK PLATE CURRENT 45 max. ma.
DC OUTPUT CURRENT 8 max. ma.
PEAK HEATER-CATHODE VOLTAGE:
Heater negative with respect to cathode. 330 max. volts
Heater positive with respect to cathode. 330 max. volts

[□] Nominal voltage = 7.0 volts.
^{□□} Nominal current = 0.160 ampere.