MAZDA 6AV4

Full-Wave High Vacuum Rectifier
Miniature Type

The 6AV4 is a full-wave high-vacuum rectifier of the Miniature 7-pin type which has a maximum DC-Output current of 90 mA. It is designed for use in AC broadcast receivers having a greater number of tubes than usual.

Mechanical features and basic design are the same as those of type 6X4.

GENERAL DATA

ELECTRICAL:
Coated Unipotential Cathode:
Voltage 6.3 ac or dc volts
Current 0.95 amperes

MECHANICAL:
Mounting Position Any
Maximum overall length 2-5/8"
Maximum Seated length 2-3/8"
Maximum Diameter 3/4"
Bulb T-5 1/2"
Base Miniature button 7-pin

MAXIMUM RATINGS:
PEAK INVERSE PLATE VOLTAGE .................. 1250 max. Volts
PEAK PLATE CURRENT .................. 250 max. mA
DC OUTPUT CURRENT .................. 90 max. mA

PEAK HEATER-CATHODE VOLTAGE:
Heater negative with respect to cathode ........ 500 max. Volts
Heater positive with respect to cathode ........ 500 max. Volts

TYPICAL OPERATION:
(Condenser Input to Filter)
AC Plate-to-Plate .................. 500 550 600 700 max. volts
Supply Voltage (RMS)
Filter Input Condenser .................. 50 50 50 50 max. uF
Total Effective Plate -
Supply Input Characteristic plate ........ 125 175 215 300 min. Ohms
DC Output Impedance per plate ........ 90 90 90 90 max. mA

Address:

Compagnie Des Lampes
c/o International General Electric Co., Inc.
Schenectady 5, N.Y.

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