

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

Basic Designation for bottom
view: 5BS

Pin 1 - Plate N^o 1
Pin 2 - No connection
Pin 3 - Heater
Pin 4 - Heater
Pin 5 - No connection
Pin 6 - Plate N^o 2
Pin 7 - Cathode

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 Impedance per plate	125	175	215	300 min. Ohms
DC Output Current	90	90	90	90 max. mA

Address:

~~A. Dingen~~

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