MAZDA

U.24

HIGH VOLTAGE HALF WAVE RECTIFIER

Indirectly heated – for R.F. E.H.T. Supply

TENTATIVE

RATING

Filament Voltage (volts)	V_f	2.0
Filament Current (amps)	I_f	0.15
Maximum Peak Inverse Voltage (No Load) (kV)	P.I.V.(max)	22.0
Maximum Peak Inverse Voltage (On Load) (kV)	P.I.V.(max)	20.0
Maximum Anode Voltage (RMS) (kV)	V_a	7.8
Maximum Mean Anode Current with Oscillator Operation (mA)	I_a	0.5
Maximum Mean Anode Current with Pulse operation (mA)	I_a	0.1
Maximum Peak Anode Current (mA)	$I_{a(pk)}$	15.0

INTER-ELECTRODE CAPACITANCES

Anode/Heater & Shield (μμF)	$C_{a,h\ \&\ s}$	1.3

DIMENSIONS

Maximum Overall Length (mm)	110
Maximum Bulb Diameter (mm)	28.5
Maximum Base Diameter (mm)	31.5
Maximum Seated Height (mm)	97
Approximate Nett Weight (ozs)	1¼
Approximate Packed Weight (ozs)	1¾

MOUNTING POSITION – Unrestricted.

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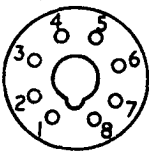
BULB Clear

TOP CAP American Miniature

BASE International Octal (I08)



Viewed from free end of pins.

CONNEXIONS

Pin 1	-	-
Pin 2	Heater	h
Pin 3	-	-
Pin 4	-	-
Pin 5	-	-
Pin 6	-	-
Pin 7	Heater and Cathode	h & k
Pin 8	Shield	s
Top Cap	Anode	a

NOTE

All pins with the exception of No. 2 should be connected to Pin No. 7 on the holder and Pin No. 7 connected to the reservoir condenser.