

MAZDA

20.P.2

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TELEVISION BEAM POWER AMPLIFIER

Indirectly heated - for series operation

RATING

Heater Current (amps)	I_h	0.2
Heater Voltage (volts)	V_h	38
Maximum Anode Voltage (volts)	$V_{a(max)}$	400
Maximum Screen Voltage (volts)	$V_{g2(max)}$	250
Mutual Conductance (mA/V)	g_m	* 13.5
Maximum Screen Dissipation (watts)	$P_{g2(max)}$	5
Maximum Anode Dissipation (watts)	$P_{a(max)}$	20
Maximum Peak Anode Voltage (volts) (pulse)	$V_{a(pk)max}$	5,000

* At $V_a = 220$; $V_{g2} = 220$; $V_{g1} = -7.5$;**INTER-ELECTRODE CAPACITANCES**

Grid/Earth ($\mu\mu F$)	C_{in}	27.0
Anode/Earth ($\mu\mu F$)	C_{out}	5.3
Anode/Grid ($\mu\mu F$)	C_{ga}	0.56

DIMENSIONS

Maximum Overall Length (mm)	142
Maximum Diameter (mm)	54
Maximum Seated Height (mm)	128

MOUNTING POSITION - Unrestricted.

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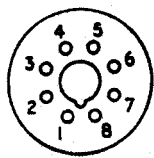
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BULB - Clear

BASE - International Octal (107)



Viewed from free end of pins.

CONNECTIONS.

Pin 1	-	-
Pin 2	Heater	h
Pin 3	-	-
Pin 4	Screen Grid	g ₂
Pin 5	Control Grid	g ₁
Pin 6	Omitted	-
Pin 7	Heater	h
Pin 8	Cathode	k
Top Cap	Anode	a