V.339

MAZDA

V.339

TRIODE

Indirectly heated – for Valve Voltmeter

REPLACEMENT ONLY – not for new equipment

RATING

Heater Voltage (volts)	V_h		4.0
Heater Current (amps)	I_h		0.58
Maximum Anode Voltage (volts)	$V_{a(max)}$		250
Amplification Factor	μ	*	73
Mutual Conductance (mA/V)	gm	*	1.7
Anode A.C. Resistance (ohms)	r_a	*	43,000
Maximum Potential Heater/Cathode (volts DC)	$V_{h-k(max)}$		150

* Taken at V_a = 100v; V_g = 0v.

INTER-ELECTRODE CAPACITANCES

Anode/Earth ($\mu\mu$F)	C_{out}	4.7
Anode/Control Grid ($\mu\mu$F)	$C_{a,g1}$	3.6
Control Grid/Earth ($\mu\mu$F)	C_{in}	3.6

DIMENSIONS

Maximum Overall Length (mm)	95
Maximum Diameter (mm)	38
Maximum Seated Height (mm)	80
Approximate Nett Weight (ozs)	1½
Approximate Packed Weight (ozs)	2½

MOUNTING POSITION - Unrestricted.

NOTE

This valve is designed for use as a Valve Voltmeter, providing a very linear scale shape. It is capable of operating with high resistance input circuits.

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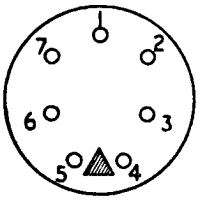
BULB Metallised

CAP BVA Standard

BASE British 7 pin



Viewed from free end of pins.

CONNEXIONS

Pin 1	Blank	-
Pin 2	Metallizing	M
Pin 3	Blank	-
Pin 4	Heater	h
Pin 5	Heater	h
Pin 6	Cathode	k
Pin 7	Anode	a
Top Cap	Control Grid	g1