

MAZDA

29C1

HIGH VACUUM CONTROL DIODE

Directly heated tungsten filament—for use as the controlling element in stabiliser circuits

29C1

RATING

Approximate Filament Voltage (volts)	V_f	4.0
Approximate Filament Current (amps)	I_f	0.8
Maximum Anode Current (mA)	$I_a(\max)$	3.0
Maximum Anode Voltage (volts)	$V_a(\max)$	100

DIMENSIONS

Maximum Overall Length (mm)	80
Maximum Diameter (mm)	32
Maximum Seated Height (mm)	67
Approximate Nett Weight (ozs)	1½
Approximate Packed Weight (ozs)	2½

MOUNTING POSITION - Unrestricted.

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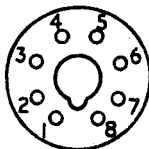
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TYPICAL OPERATION

Saturated Anode Current (mA)	I_a	2.0
Minimum Anode Voltage (volts)	$V_a(\min)$	20
Approximate Filament voltage (volts)	V_f	4.0
Approximate Filament current (amps)	I_f	0.8

BULB Clear

BASE International Octal (IO8)



Viewed from free end of pins.

CONNEXIONS

Pins 1, 2, 4	Filament	f
Pin 3	Blank	-
Pin 5	Anode	a
Pins 6, 7, 8	Filament	f

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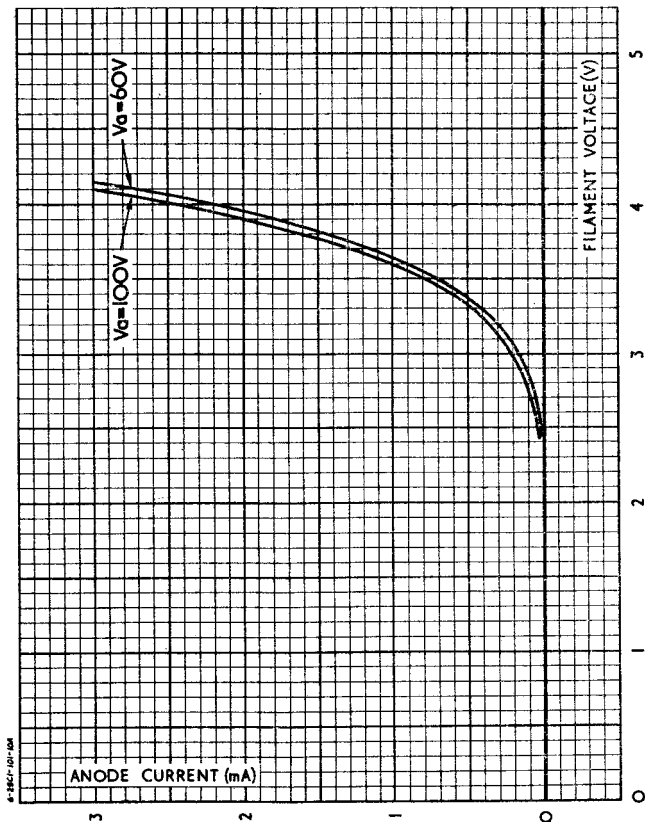
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AVERAGE CHARACTERISTIC CURVES: I_a/V_f



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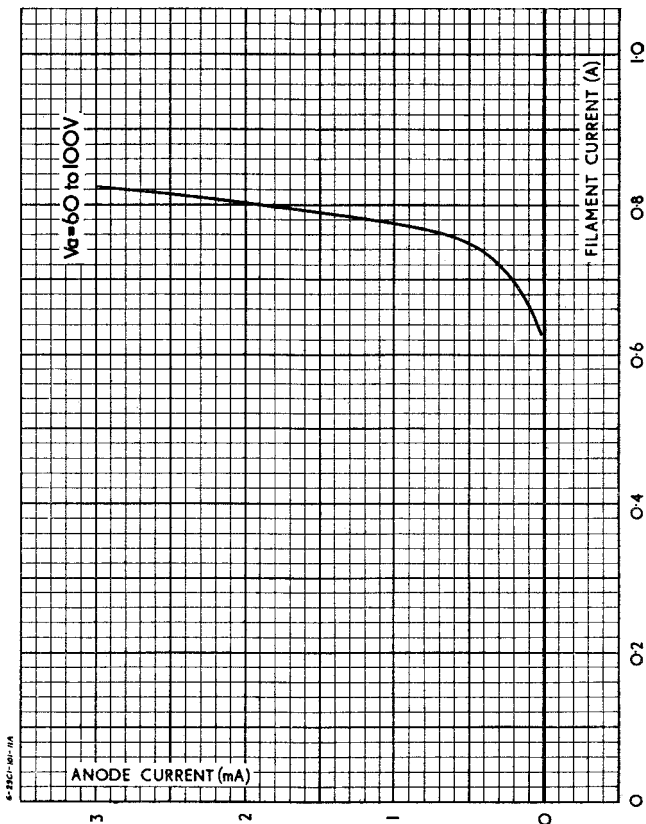
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AVERAGE CHARACTERISTIC CURVES: I_a/I_f



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INDUSTRIAL
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