

20A2

GAS FILLED TETRODE

Indirectly heated—for use as a Grid Controlled Rectifier

RATING

Heater Voltage (volts)	V_{lh}	6.3	
Heater Current (amps)	I_h	1.0	
Approximate Voltage drop (volts)		9.0	
Max. Peak Forward Anode Voltage	$V_a(max)$	600	
Max. Peak Inverse Anode Voltage	P.I.V.(max)	1300	
Max. Shield Grid Voltage (volts)	$V_{g2}(max)$	-100	←
Max. Control Grid Voltage (volts)	$V_{g1}(max)$	-100	←
Max. Peak Cathode Current (mA)	$I_c(pk)max$	1250	
Max. Mean Cathode Current (mA)	$I_c(av)max$	250	
Control Grid Series Resistance (megohms)		.01 to 1.0	

NOTE

Cathode and heater should normally be tied externally.
If left free, the heater to cathode voltage must never exceed 25 volts peak. The heater must be switched on for 15 seconds before anode voltage is applied.

All maximum ratings are absolute values, not design centres.

DIMENSIONS

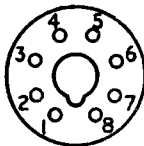
Maximum Overall Length (mm)	110
Maximum Diameter (mm)	40
Maximum Seated Height (mm)	97
Approximate Nett Weight (ozs)	1½
Approximate Packed Weight (ozs)	2

MOUNTING POSITION - Unrestricted.

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BULB ClearBASE International Octal (IO8)

Viewed from free end of pins.

CONNECTIONS

Pin 1	No connection	NC
Pin 2	Heater	h
Pin 3	Anode	a
Pin 4	No connection	NC
Pin 5	Control Grid	g1
Pin 6	Shield Grid	g2
Pin 7	Heater	h
Pin 8	Cathode	k

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AVERAGE CHARACTERISTIC CURVES

