MAZDA

U26

U26

HIGH VOLTAGE HALF WAVE RECTIFIER
Indirectly heated—for flyback E.H.T. supplies

RATING

Heater Voltage (volts)	V_h	2.0
Heater Current (amps)	I_h	0.35
Maximum Peak Inverse Voltage (Design Centre) (kV)	$PIV_{(max)}$	23.5
Maximum Peak Inverse Voltage (Absolute) (kV)	$PIV_{(max)}$	27
Maximum Mean Anode Current with Pulse Operation (mA)	$I_{a\ (max\ av)}$	△0.2
Maximum Peak Anode Current (mA)	$I_{a\ (max\ pk)}$	*80

△ Maximum current Pulse Duration 6.0 μsecs. Maximum frequency of operation 15,000 pps.

* This maximum rating is an absolute value not a design centre.

INTER-ELECTRODE CAPACITANCES (pF)

Anode to Heater, Cathode and Shield	$C_{a-h,k,s}$	†0.9

† Total capacity including unscreened B9A ceramic holder, i.e., without can or skirt.

DIMENSIONS

Maximum Overall Length (mm)	76
Maximum Diameter (mm)	21
Maximum Seated Height (mm)	69

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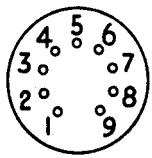
MOUNTING POSITION—Unrestricted

BULB—Clear

CAP—CT1

BASE—Noval B9A



Viewed from free end of pins

CONNECTIONS

Pin 1	Heater, Cathode and Shield	h,k,s
Pin 2	Heater	h
Pin 3	See below	‡
Pin 4	Heater, Cathode and Shield	h,k,s
Pin 5	Heater	h
Pin 6	Heater, Cathode and Shield	h,k,s
Pin 7	See below	‡
Pin 8	Heater	h
Pin 9	Heater, Cathode and Shield	h,k,s
Cap	Anode	a

‡ Pins 3 and 7 are floating, but must not be left unconnected. They should be connected to the external circuit with not more than 100v between adjacent pins.

The Cathode, shield and one end of the heater are connected to pins 1, 4, 6 and 9. The other end of the heater is connected to pins 2, 5 and 8.

NOTE.—Some early experimental samples may have pins 3 and 7 connected to cathode.

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SIEMENS EDISON SWAN LIMITED

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