HALF WAVE HIGH VOLTAGE RECTIFIER

Mounting position not restricted, but the anode lead should not be bent close to the seal.
Soldering:
- Anode lead 10 mm minimum from the seal
- Heater leads 5 mm minimum from the end of the bulb
Weight: approx. 0.4 oz.

CATHODE DATA
Indirectly heated - parallel operation
Heater Voltage $V_h$ 6.3 V
Heater Current $I_h$ 0.08 A

CAPACITANCE
Anode/Cathode and Heater $c_a,k_h$ 0.7 pF

RATINGS
Absolute Maximum Peak Inverse
Anode Voltage P.I.V. max. 25 KV
50 c/s Sinusoidal Input* Max. Output Current $I_{out} \max.$ 5 mA
Max. Reservoir Capacitance $C$ 0.1 pF
Min. Anode Limiting Impedance $Z_a(\lim) \min.$ 10 KΩ
10 KΩ to 300 KO/500 KΩ Sinusoidal Input
Max. Output Current $I_{out} \max.$ 0.5 mA
Max. Reservoir Capacitance $C$ 0.01 pF
Pulsed Input (Approx. 5% occupancy) Max. Output Current $I_{out} \max.$ 0.5 mA
Max. Reservoir Capacitance $C$ 0.005 pF

*For low frequency circuits, the heater must be switched on for 1 minute before the high tension supply is applied to the anode, unless the peak inverse voltage is limited to 12 KV.

CAUTION:
- Flexible Leads

At frequencies above 50 kHz, with output voltages greater than 8 KV, the anode lead must be surrounded by a corona cap.

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