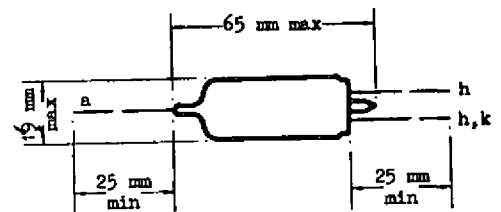


6W2 HALF WAVE HIGH VOLTAGE RECTIFIER

Release No.1209

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 $C_{a,kh}$ 0.7 pF

RATINGS

Absolute Maximum Peak Inverse Anode Voltage P.I.V. max. 25 KV

50 c/s Sinusoidal Input* I_{out} max. 5 mA

Max. Output Current C 0.1 μ F

Max. Reservoir Capacitance $Z_a(1im)$ min. 10 K Ω

Min. Anode Limiting Impedance

10 Kc/s to 300 Kc/s Sinusoidal Input I_{out} max. 0.5 mA

Max. Output Current C 0.01 μ F

Max. Reservoir Capacitance

Pulsed Input (Approx. 5% occupancy) I_{out} max. 0.5 mA

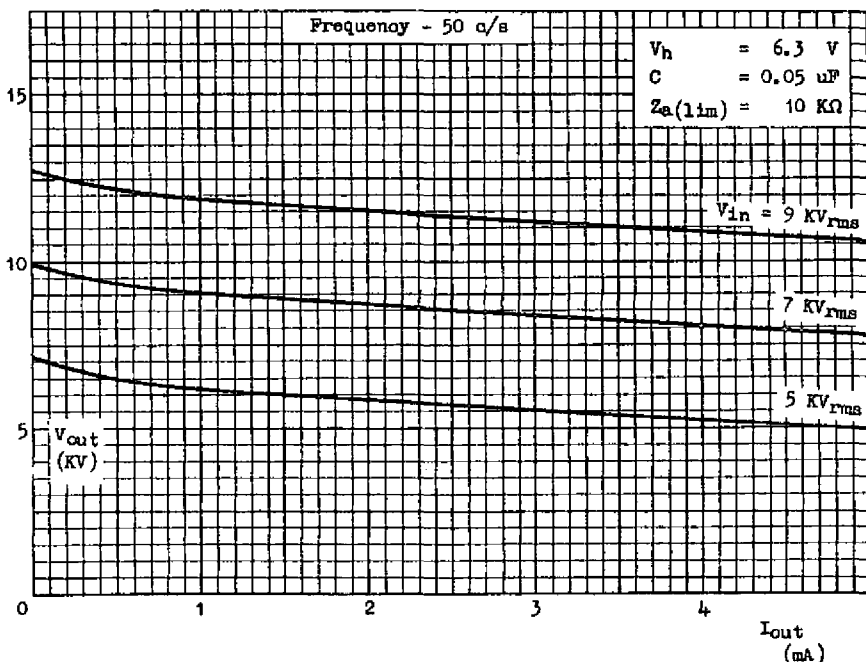
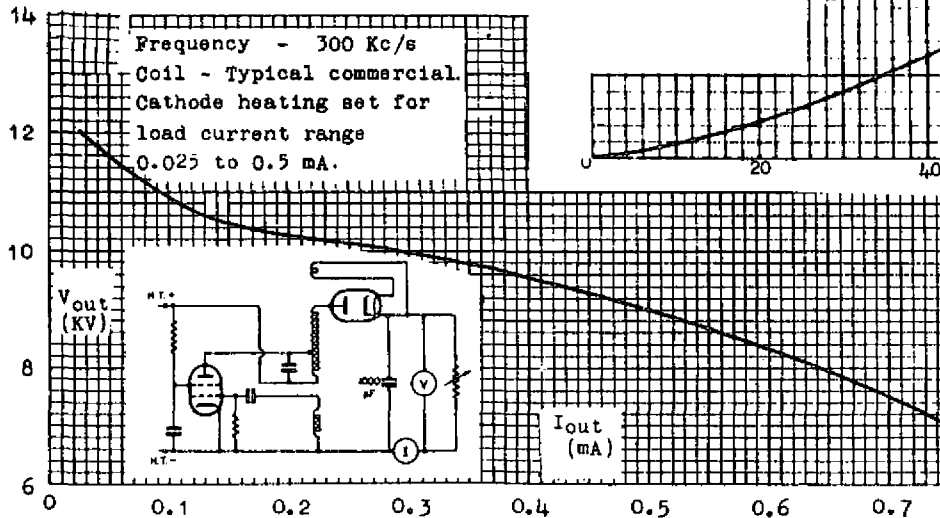
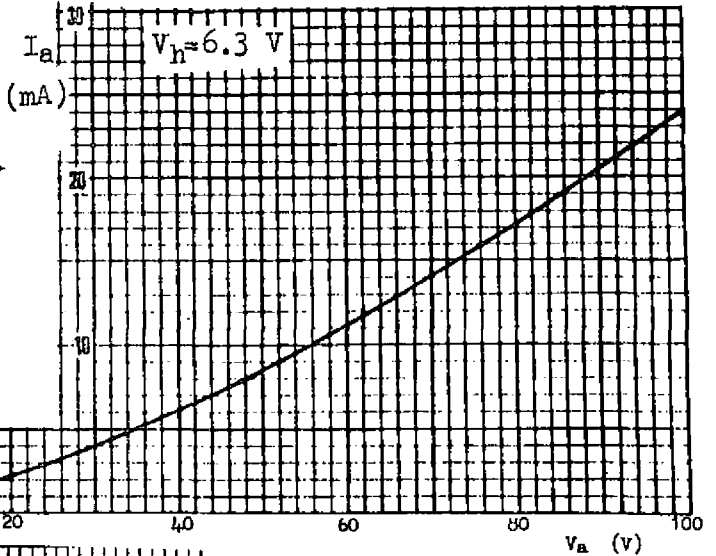
Max. Output Current C 0.005 μ F

Max. Reservoir Capacitance

*For low frequency circuits, the heater must be switched on for 1/2 minute before the high tension supply is applied to the anode, unless the peak inverse voltage is limited to 12 KV.

NOTE

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



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