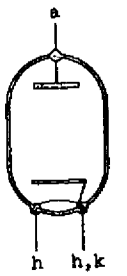
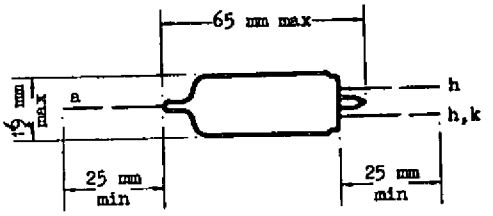
6W2

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.





BASE - Flexible Leads

CATHODE DATA
Indirectly heated - parallel operation

Heater Voltage	V_h	6.3	V
Heater Current	I_h	0.08	A

CAPACITANCE

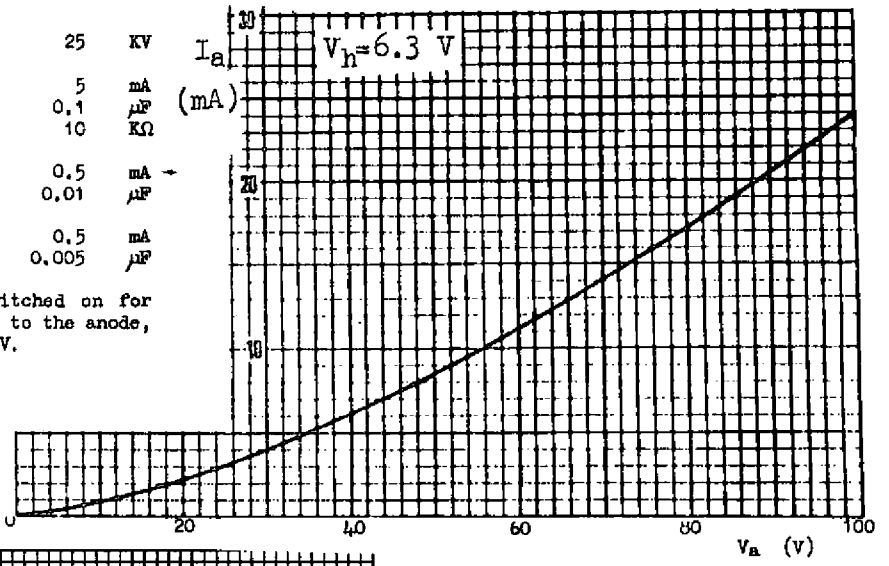
Anode/Cathode and Heater	$c_{a,kh}$	0.7	pF

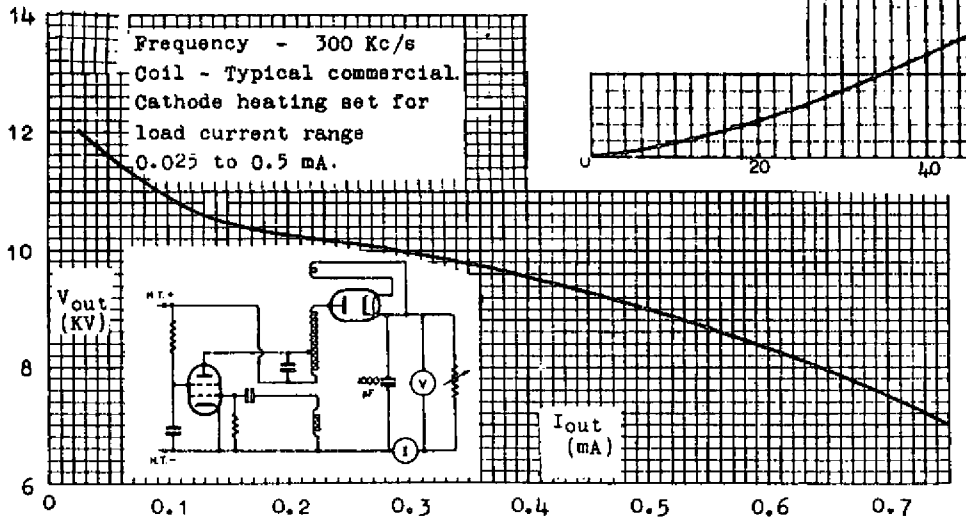
RATINGS

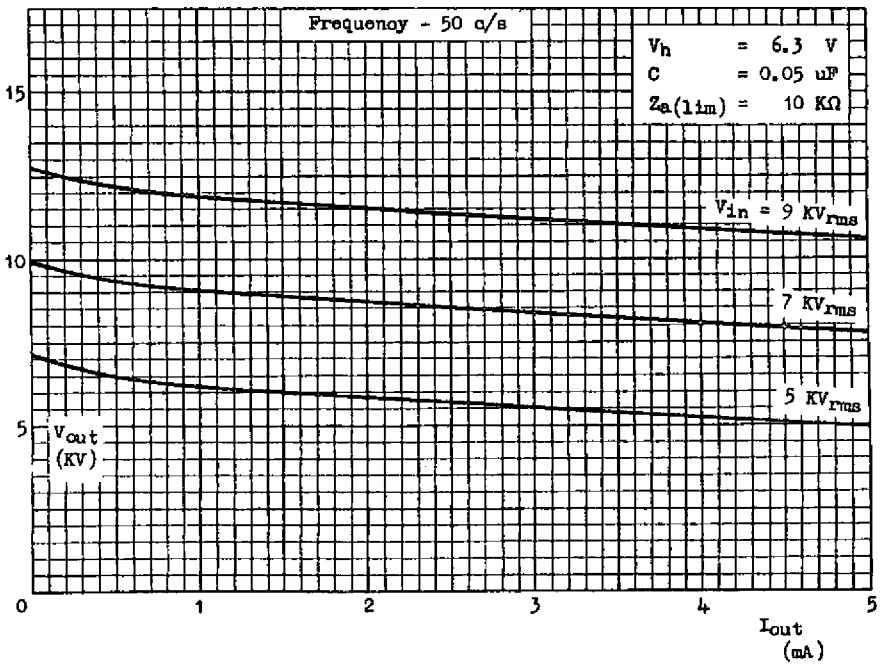
Absolute Maximum Peak Inverse Anode Voltage	P.I.V. max.	25	KV
50 c/s Sinusoidal Input*			
Max. Output Current	I_{out} max.	5	mA
Max. Reservoir Capacitance	C	0.1	µF
Min. Anode Limiting Impedance	$Z_{a(lim)}$ min.	10	KΩ
10 Kc/s to 300 Kc/s Sinusoidal Input			
Max. Output Current	I_{out} max.	0.5	mA
Max.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

*For low frequency circuits, the heater must be switched on for ½ 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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