

ADMIRALTY SIGNAL ESTABLISHMENT

Specification AD/CV2788 /Issue 4. Dated 22.7.47. To be read in conjunction with K1001.	<u>SECURITY</u>	
	<u>Specn.</u> Restricted	<u>Valve.</u> Unclassified

<u>TYPE OF VALVE:-</u> Triode	<u>MARKING</u> See K1001/4.
<u>CATHODE:-</u> Directly heated.	
<u>ENVELOPE:-</u> Glass, unmetallised.	
<u>PROTOTYPE:-</u> F610.	

<u>RATING</u>	<u>Note .</u>	<u>BASE AND DIMENSIONS</u>
Filament Voltage (V) 5.5 to 6.0		See Page 2.
Filament Current (A) 0.1	B	<u>PACKAGING</u>
Max. Anode Voltage (V) 100		See K1005.
Amplification Factor 7		
Max. Anode Impedance (ohms) 6500		

NOTES

- A. The insulating caps known as A.P. 6000, which are to be fitted to each valve will be supplied to the Contractor free of charge. To allow for possible damage during assembly, a number of caps equal to 120% of the valves required will be supplied.
- B. At $V_a = 100$ V, $V_g = 0$.

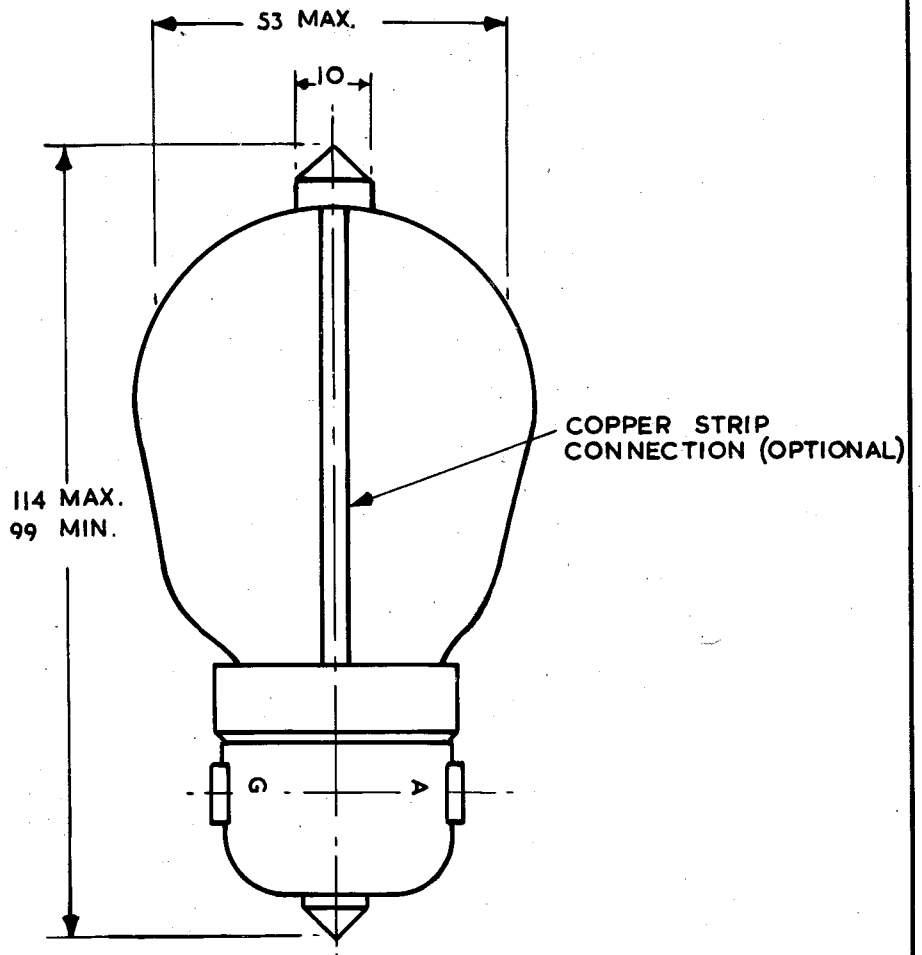
TESTS

To be performed in addition to those applicable in K1001.

	Test Conditions			Test	Limits		No Tested
	V_f (V)	V_a (V)	V_g (V)		Min.	Max.	
a	5.5			I_f (A)	0.09	0.12	100% or S
b	5.5	50	50	$I_a + I_g$ (mA)	25		100%
c	5.5	100	-2	Reverse grid current (μ A)		0.5	100%
d	5.5	100	0	I_a (mA)	10	17	100%
e	5.5	100	0 to -2	g_m (mA/V)	0.85	-	100%
f	5.5	100	0	Amplification Factor	5.5	8.5	100% or S

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FIG 1.



ALL DIMENSIONS ARE IN MILLIMETRES.