ADMIRALTY SIGNAL ESTABLISHMENT

VALVE ELECTRONIC

CV2788 (NT13)

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

TYPE OF VALVE:- Triode
CATHODE:- Directly heated.
ENVELOPE:- Glass, unmetallised.
PROTOTYPE:- P610.

MARKING

See K1001/4.

RATING		Note
Filament Voltage (V)	5.5 to 6.0	
Filament Current (A)	0.1	
Max. Anode Voltage (V)	100	
Amplification Factor	7	B
Max. Anode Impedance (ohms)	6500	

BASE AND DIMENSIONS

See Page 2.

PACKAGING

See K1005.

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.

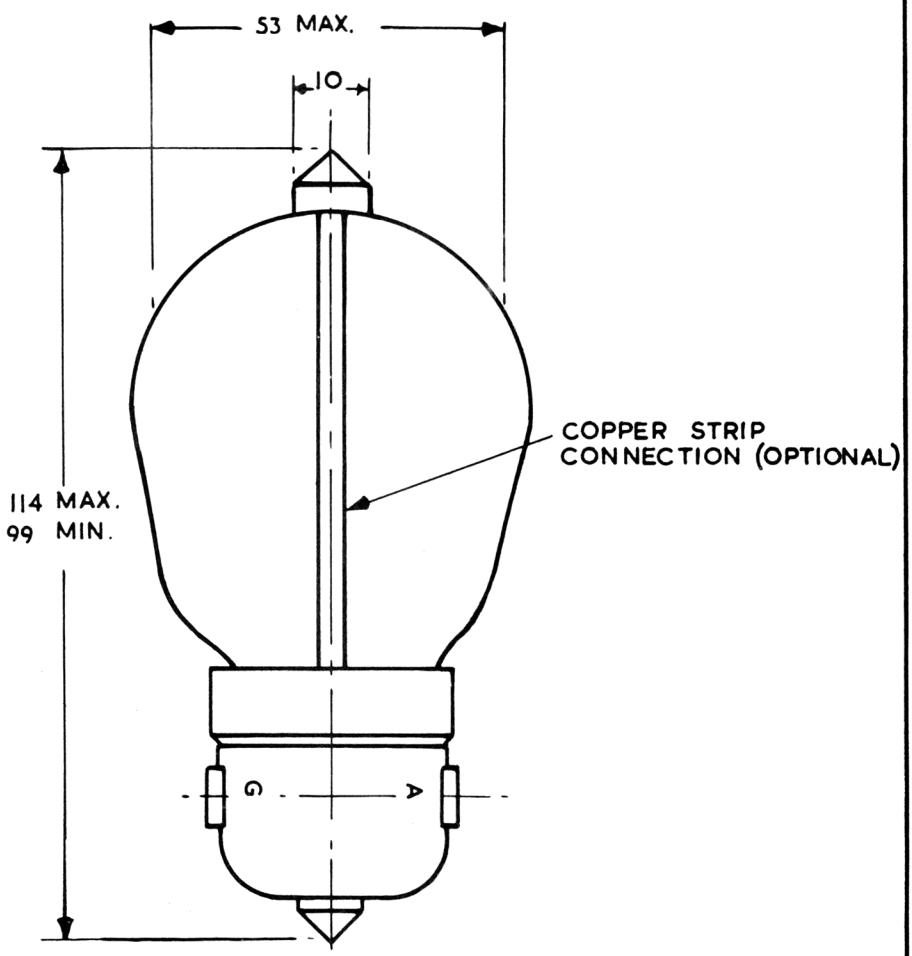
B. At Va = 100 V, Vg = 0.

TESTS

To be performed in addition to those applicable in K1001.

	Test Conditions			Test	Limits		No Tested
	Vf (V)	Va (V)	Vg (V)		Min.	Max.	
a	5.5			If (A)	0.09	0.12	100% or S
b	5.5	50	50	Ia + Ig (mA)	25		100%
c	5.5	100	-2	Reverse grid current (µA)		0.5	100%
d	5.5	100	0	Ia (mA)	10	17	100%
e	5.5	100	0 to -2	gm (mA/V)	0.85	-	100%
f	5.5	100	0	Amplification Factor	5.5	8.5	100% or S

FIG 1.



ALL DIMENSIONS ARE IN MILLIMETRES.