VALVE ELECTRONIC **CV1166**

ADMIRALTY SIGNAL ESTABLISHMENT

(NR42. ARS. POVT140)

Specification AD/CV1166/Issue 4. Dated:- 10.6.47. To be read in conjunction with K1001.	SECURITY Specn. Restricted Valve Unclassified

TYPE OF VALVE:- L.F. Triode.

CATHODE:- Directly heated.

ENVELOPE:- Glass, unmetallised.

PROTOTYPE:- LP2

RATING

			Note
Filament Voltage	(V)	2.0	
Filament Current	(A)	0.2	
Max. Anode Voltage	(V)	150	
Mutual Conductance	(mA/V)	3.6	A
Amplification Factor		15	A
Anode Impedance	(ohms)	4170	A

NOTES

A. Measured at Va = 100, Vg = 0.

MARKING

See K1001/4.

BASE

B4

See K1001/AIV/D5.1

Pin	Electrode
1	Anode
2	Control Grid
3	Filament
4	Filament

DIMENSIONS

See K1001/AI/D1.

Dimension	Min.	Max.
A mm.	-	108
B mm.	-	42

PACKING

See K1001/7.

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	1.9			If (A)	0.18	0.22	100%
b	1.9	100	-3	Ia (mA)	2.9	6.1	100%
c	1.9	100	-3	gm (mA/V)	1.7	2.8	100%
d	1.9	100	-3	Reverse Ig (μA)	-	1.2	100%