

VALVE ELECTRONIC **CV1246**

ADMIRALTY SIGNAL ESTABLISHMENT

(NT82)

Specification AD/CV1246/Issue 4. Dated 17.6.47. To be read in conjunction with K1001.	<u>SECURITY</u>	
	<u>Specification</u> Restricted	<u>Valve</u> Unclassified

<u>TYPE OF VALVE:-</u> Output Triode. <u>CATHODE:-</u> Directly Heated. <u>ENVELOPE:-</u> Glass, Unmetallised. <u>PROTOTYPE:-</u> P2.		<u>MARKING</u> See K1001/4.	
<u>RATING</u>		<u>BASE</u> B4 See K1001/AIV/D5.1.	
	Note	Pin	Electrode
Filament Voltage (V)	2.0	1	Anode
Filament Current (A)	0.2	2	Grid
Max. Anode Voltage (V)	150	3	Filament
Average Anode Current (mA)	8.0	4	Filament
Mutual Conductance (mA/V)	2.1		
<u>NOTE</u>		<u>DIMENSIONS</u> See K1001/AI/D1.	
A. At $V_a = 100$ V, $V_g = -7.5$ V.		<u>Dimension</u>	<u>Min.</u>
		<u>Max.</u>	
		A mm	-
		B mm	107
			42
		<u>PACKING</u> See K1001/7.	

# CV1246

## 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% or S
b	1.9	100	-7.5	Ia (mA)	5.6	10.4	100%
c	1.9	100	-7.5	gm (mA/V)	1.7	2.6	100%
d	1.9	100	-7.5	Reverse Ig (mA)	-	1.2	100%