VALVE ELECTRONIC CV1246

(NT82)

ADMIRALTY SIGNAL ESTABLISHMENT

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

TYPE OF VALVE:- Output Triode.
CATHODE:- Directly Heated.
ENVELOPE:- Glass, Unmetallised.
PROTOTYPE:- P2.

RATING

			Note
Filament Voltage	(V)	2.0	
Filament Current	(A)	0.2	
Max. Anode Voltage	(V)	150	
Average Anode Current	(mA)	8.0	A
Mutual Conductance	(mA/V)	2.1	A

NOTE

A. At Va = 100 V, Vg = -7.5 V.

MARKING

See K1001/4.

BASE

B4

See K1001/AIV/D5.1.

Pin	Electrode
1	Anode
2	Grid
3	Filament
4	Filament

DIMENSIONS

See K1001/AI/D1.

Dimension	Min.	Max.
A mm	-	107
B mm	-	42

PACKING

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 (μA)	-	1.2	100%