VALVE ELECTRONIC **CV1237**

ADMIRALTY SIGNAL ESTABLISHMENT

(NT62)

Specification AD/CV1237/Issue 2. Dated 11.11.46 To be read in conjunction with K1001.	SECURITY Specn. Restricted Valve Unclassified

TYPE OF VALVE:- Pentode.
CATHODE:- Directly heated.
ENVELOPE:- Glass.
PROTOTYPE:- PM24D.

MARKING

See K1001/4.

RATING		Note
Filament Voltage (V)	4.0	
Filament Current (A)	2.0	
Max. Anode Voltage (V)	500	
Max. Screen Voltage (V)	200	
Mutual Conductance (mA/V)	3.0	A

CAPACITANCES (pF)

Ca-all	21.0 max.	

BASE

B5

See K1001/AIV/D5.2

Pin	Electrode
1	Anode
2	Control grid
3	Filament
4	Filament
5	Screen grid

DIMENSIONS

See K1001/AI/D1.

Dimension	Min.	Max.
A mm.	-	160
B mm.	-	67

NOTE

A. Va = 200 V, Vg2 = 200 V, Vg1 = -25 V.

TESTS

To be performed in addition to those applicable in K1001.

	Test Conditions					Test	Limits		No. Tested
	Vf (V)	Va (V)	Vg2 (V)	Vg1 (V)	Ia (mA)		Min.	Max.	
a	4.0	-	-	-	-	If (A)	1.7	2.3	1% (20)
b	4.0	500	200	Adjusted	60	(i) -Ig1 at end of test (µA)	-	15	100%
	For 10 mins. Value of -Vg1 to be checked every minute.					(ii) Variation of -Vg1 after 1st minute (V)	-	2	
c	4.0	500	200	-35		(i) Ia (mA)	40	85	100%
d	4.0	200	200	-20		(ii) Ia (mA)	90	130	100%
e	4.0	500	200	-35	-	Ig2 (mA)	5	10	100%
f	4.0	200	200	-20	x	x - y (mA)	30	60	100%
	4.0	200	200	-30	y				
g	See K1001/AIII					Capacitance			
	Pins to H.P.	Pins to L.P.	Pins to E			Ca-all (pF)	-	21	1% (20)
	1	2, 3, 4, 5							