VALVE ELECTRONIC **CV1205**
(NT17)

ADMIRALTY SIGNAL ESTABLISHMENT

Specification AD/CV1205/Issue 2. Dated 13.6.47. To be read in conjunction with K1001.	SECURITY Specification: Restricted Valve: Unclassified

TYPE OF VALVE:- Transmitting triode.

CATHODE:- Directly heated.

ENVELOPE:- Glass, unmetallised.

PROTOTYPE:- 2587T.

RATING

			Note
Filament Voltage	(V)	4.0	
Filament Current	(A)	2.5	
Max. Anode Voltage	(V)	400	
Average Anode Dissipation	(W)	20	
Amplification Factor		5	A
Mutual Conductance	(mA/V)	2.6	A
Anode Impedance	(Ω)	2100	A

NOTES

A. At Va = 150, Vg = 0, Ia = 40 mA.

B. The valve is designed for operation at frequencies up to 10,000 kc/s.

MARKING

See K1001/4.

BASE

B4

See K1001/AIV/D5.

Pin	Connection
1	Anode
2	Grid
3	Filament
4	Filament

DIMENSIONS

See K1001/AI/D1.

Dimension	Min.	Max.
A mm	-	155
B mm	-	60

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)	Ia (mA)		Min.	Max.	
a	4.0				If (A)	2.3	2.7	100%
b	4.0	$\overline{V}$	$\overline{V}$		$\overline{V}$ (V)	-	200	100%
	$\overline{V}$ adjusted for Ie = 200 mA.							
c	4.0	400	Adjusted	50	1. Variation of Vg after first minute (V)	-	5	100%
	For 10 mins. Vg checked every minute.				2. Reverse Ig at end of test (µA)	-	5	100%
d	4.0	150	-5	Measured	Ia (mA)	30	60	100%
e	4.0	150	0		Difference in Ia from value noted in 'd' above (mA)	10	15	100%
f	4.0	Adjusted	0	Value as in 'd' above	Va (V)	120	130	100%