

VALVE ELECTRONIC **CV1222**
(NT39, AT75)

ADMIRALTY SIGNAL ESTABLISHMENT

Specification AD/CV1222/Issue 4. Dated 11.6.47. To be read in conjunction with K1001.			<u>SECURITY</u> <u>Specification</u> <u>Valve</u> Restricted Unclassified		
<u>TYPE OF VALVE:-</u> Transmitting triode. <u>CATHODE:-</u> Directly heated. <u>ENVELOPE:-</u> Metal Glass for air-cooling. <u>PROTOTYPE:-</u> ACT 6.			<u>MARKING</u> See K1001/4. <u>BASE</u> T4 See K1001/AIV/D7.		
<u>RATING</u>		Note <			

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	10.0				If (A)	1.45	1.85	100% or S
b		1000	0	10	Vf (V)	-	5.0	100%
	To be done before test 'c'.				(Reduced emission test)			
c	10.0	1000		75	Reverse Ig (μA)	-	10	100%
	Maintained for 10 mins. Vg not to require adjustment during last 3 mins.							
d	Test 'b' to be repeated after test 'c'.							100%
e	10.0	1000		75	Vg (V)	-17.5	-24.5	100%
f	10.0	1000		-	gm (mA/V)	4.0	6.25	100%
	Vg made 2 V more negative than value in test 'e'.							
g	10.0	900		75	Amplification Factor	20	25	100%