ADMIRALTY SIGNAL ESTABLISHMENT

VALVE ELECTRONIC **CV1219**
(NT36)

Specification AD/CV1219/Issue 3. Dated 11.6.47. To be read in conjunction with K1001.	SECURITY	
	Specn.	Valve
	Restricted	Unclassified

TYPE OF VALVE:- Power Amplifier Triode

CATHODE:- Directly heated, oxide-coated

ENVELOPE:- Glass

PROTOTYPES:- DA100, MZ1-100

RATING

			Note
Filament Voltage	(V)	6.0	
Filament Current	(A)	~~2.65~~ 2.0 Amps	
Max. Anode Voltage	(V)	1250	
Max. Continuous Anode Dissipation	(W)	100	
μ		5.5	A
Anode Resistance	(Ω)	1400	A
Mutual Conductance	(mA/V)	4.0	A

NOTE

A. At Va = 1000 V, Vg = -150 V, Ia = 100 mA.

MARKING

See K1001/4.

BASE

L4

See K1001/AIV/D6.

Pin	Electrode
1	A
2	F
3	F
4	G

DIMENSIONS

See K1001/AI/D1.

Dimension	Min.	Max.
A mm	-	255
B mm	-	93

PACKING

See K1005.

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	6.0				If (A)	~~2.3~~ 1.8	~~3.0~~ 2.2	100% or S
b	6.0	Adjusted	0	200	Va (V)	-	350	100%
c	6.0	1000	Adjusted	100	(i) Vg (V)	-130	-180	100%
	For 10 minutes, Vg must be steady during last 3 mins. Vg and reverse Ig measured at end of test.				(ii) Reverse Ig (μA)	-	20	100%
d	6.0	1000	Increased by -10 V. from value in test 'c'	Read	Ia (mA)	-	65	100%
e	6.0	800	Adjusted	100	Difference in Vg from value in 'c' (V)	-30	-45	100% or S

Amdt 1

ELECTRONIC VALVE SPECIFICATIONS

SPECIFICATION AD/CV.1219 ISSUE 3 DATED 11.6.47

AMENDMENT No.1.

(i) Page 1. RATING.

Filament Current - Delete "2.65" and substitute "2.0"

(ii) Test Clause (a)

In the column headed Limits, "Min. and Max." delete "2.3" and "3.0" and substitute "1.8" and "2.2" respectively.

JAS 12/1/65

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T.V.C. for A.S.W.E.