ADMIRALTY SIGNAL ESTABLISHMENT

VALVE ELECTRONIC CV1180

(NR58)

Specification AD/CV1180/Issue 3. Dated 30.10.46. To be read in conjunction with K1001.	SECURITY Specn. Restricted Valve Unclassified

TYPE OF VALVE:- Triode.

CATHODE:- Indirectly heated.

ENVELOPE:- Glass - metallised.

PROTOTYPE:- V312.

RATING

			Note
Heater Voltage	(V)	4.0	
Heater Current	(A)	0.65	
Max. Anode Voltage	(V)	200	
Mutual Conductance	(mA/V)	2.5	A
Amplification Factor		30	A
Anode Impedance	(⎓)	12,000	A

NOTES

A. Va = 200 V, Vg = -3 V.

B. The valve design is to be such that a high degree of freedom from microphony is ensured. The microphony test used must be an approved method.

MARKING

See K1001/4.

BASE

B5

See K1001/AIV/D5.2

Pin	Electrode
1	A
2	No connection
3	H
4	H
5	C and M
TC	G

TOP CAP

See K1001/AI/D5.1

DIMENSIONS

See K1001/AI/D1.

Dimension	Min.	Max.
A mm	-	126
B mm	-	39

PACKING

See K1001/7.

TESTS

To be performed in addition to those applicable in K1001.

	Test Conditions				Test	Limits		No. Tested
	Vh (V)	Va (V)	Vg (V)	Ia (mA)		Min.	Max.	
a	4.0	-	-	-	Ih (A)	0.55	0.75	100% or S
b	4.0	200	-3	-	Reverse Ig (uA)	-	1.0	100%
c i.	4.0	200	-3	x	Ia (mA)	4.0	9.0	100%
ii.	4.0	200	0	y	Change in Ia (= y - x) (mA)	6.0	10.0	100%
d	4.0	Ad-just-ed	0	= x above	Va (V)	95	125	100%