ADMIRALTY SIGNAL ESTABLISHMENT

VALVE ELECTRONIC CV1259 (NU2)

Specification AD/CV1259 Issue No.2
Dated : 12/6/47.
To be read in conjunction with K1001, ignoring clauses 5.2, 5.8.

SECURITY	
Specification	Valve
Restricted	Unclassified

TYPE OF VALVE:- Half-wave Rectifier.
CATHODE:- Directly heated - pure or thoriated tungsten.
ENVELOPE:- Glass.

MARKING

See K1001/4

RATING

Filament Voltage	(V)	17.0
Filament Current	(A)	6.6
Max. Anode Voltage	(kV)	1.0
Max. Anode Dissipation	(W)	450
Max. peak inverse anode voltage	(kV)	20
Min. total emission	(mA)	330

BASE AND CONNECTIONS

Flexible leads.
Filament - at one end.
Anode - at side of globe.
Colours
F.F. : Yellow
A : Red
See Note A.

NOTES

A. Each lead is to consist of 2 strands of 7/38 S.W.G. (or an approved equivalent) with free length of 330 mms. They are to be protected in the re-entrant seal by beads. The free length of the leads is to be insulated with flexible cambric tubing (or suitable equivalent material) to within 2" of the end, and coloured as above. The insulation must not be liable to slip.

DIMENSIONS

See K1001/A1/D3

Dimension	Min.	Max.
A mm	310	330
B mm	160	175
C mm	58	66
F mm	25	35
J mm	-	42
K + M mm	15	-

PACKING

See K1005

TESTS

To be performed in addition to those applicable in K1001.

	Test Conditions			Test	Limits		No.
	Vf (V)	Va (V)	Ia (mA)		Min.	Max.	Tested
a	17.0			If (A)	6.2	7.0	100%
b		400	330	Vf (V)	-	18	100%
c	17.0	AC 50~ Inverse peak of 20,000 V		High Voltage Test	No blue-glow or deterior-ation must occur.		100%
d	Ad-jus-ted.	1000	450	Dissipation Vf (V)	-	17	100%
	For 10 mins. Ia must be steady for last 3 mins.						