VALUE ELECTRONIC CV1259

ADMIRALTY SIGNAL ESTABLISHMENT

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

TYPE OF VALVE:- Half-wave Recti CATHODE:- Directly heated or thoriated to Glass.	MARKING See K1001/4			
RATING	BASE AND CONNECTIONS			
Filament Voltage (V) Filament Current (A) Max. Anode Voltage (kV) Max. Anode Dissipation (W) Max. peak inverse anode voltage (kV) Min. total emission (mA)	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	DIDMENSIONS See K1001/AI/D3			
strands of 7/38 S.W.G. (or a approved equivalent) with fi	Dimension	Min.	Max.	
length of 330 mms. They are be protected in the re-entra seal by beads. The free len of the leads is to be insula with flexible cambric tubing suitable equivalent material within 2" of the end, and coloured as above. The insulation must not be liable to	A mm B mm C mm F mm J mm K + M mm	310 - 160 - 58 - 25 - 15	330 175 66 35 42	

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TESTS

To be performed in addition to those applicable in K1001.

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	Vf (V)	Va (V)	Ia (mA)	Test	- Min.	Max.	Tested
a	17.0	,		If (A)	6.2	7.0	100%
b		400	330	∀f (∀)	van ,	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%
đ	Ad- jus- ted.	1000	450	Dissipation Vf (V)	45	17	1 00%
·	For 10 mins. Ia must be steady for last 3 mins.						