

VALVE ELECTRONIC

CV1184

(NR62)

ADMIRALTY SIGNAL ESTABLISHMENT

Specification AD/CV1184/Issue 3. Dated 17.6.47. To be read in conjunction with K1001.	<table> <tr> <th colspan="2"><u>SECURITY</u></th></tr> <tr> <th><u>Specification</u></th><th><u>Valve</u></th></tr> <tr> <td>Restricted</td><td>Unclassified</td></tr> </table>	<u>SECURITY</u>		<u>Specification</u>	<u>Valve</u>	Restricted	Unclassified
<u>SECURITY</u>							
<u>Specification</u>	<u>Valve</u>						
Restricted	Unclassified						

<u>TYPE OF VALVE:-</u> H/F Voltmeter Diode.			<u>MARKING</u>		
<u>CATHODE:-</u> Directly heated.			See K1001/4.		
<u>ENVELOPE:-</u> Glass.			<u>BASE</u>		
<u>PROTOTYPE:-</u> A373.			Small Edison Screw.		
			<u>Connections:-</u>		
			Base thread : Filament		
			Base button : Filament		
			Top Cap : Anode		
<u>RATING</u>			<u>TOP CAP</u>		
			See K1001/AI/D5.2.		
Filament Voltage	(V)	1.8	Dimension	Min.	Max.
Filament Current	(A)	1.6	Length mm	6.04	-
Total Emission	(mA)	Approx. 3	Diameter mm	6.10	6.6
Max. Anode Voltage Peak:-			<u>DIMENSIONS</u>		
Up to 50 megacycles	(V)	2000	See K1001/AI/D1.		
Up to 100 megacycles	(V)	1500	Dimension	Min.	Max.
Above 100 megacycles	(V)	1000	A mm	70	76
			B mm	-	17
<u>CAPACITANCES (pF. approx.)</u>			<u>PACKING</u>		
Caf		0.5	See K1001/7.		

TESTS

To be performed in addition to those applicable in K1001.

	Test Conditions	Test	Limits		No. Tested
	V _f (V)		Min.	Max.	
a		Filament to Anode clearance (mm)	0.27	0.33	100%
b	1.8	I _f (A)	1.4	1.7	100%
c	See K1001/AIII.	<u>Capacitance</u> C _{af} (pF)	0.4	0.6	100%