

ADMIRALTY SIGNAL ESTABLISHMENT

Specification AD/CV399/Issue 9. Dated 11.6.47. To be read in conjunction with K1001.	<table border="1"> <tr> <th data-bbox="681 238 903 285">SECURITY</th><th data-bbox="903 238 1160 285"></th></tr> <tr> <td data-bbox="681 285 903 354">Specn. Secret</td><td data-bbox="903 285 1160 354">Valve Unclassified</td></tr> </table>	SECURITY		Specn. Secret	Valve Unclassified
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UNCLASSIFIED.

<u>TYPE OF VALVE:-</u> Triode				<u>MARKING</u> See K1001/4.														
<u>CATHODE:-</u> Indirectly heated																		
<u>ENVELOPE:-</u> Glass, metallised																		
<u>PROTOTYPE:-</u> MH4.																		
<u>RATING</u>				<u>BASE</u>														
				B5 See K1001/AIV/D5.														
				<table><tr><td>Pin</td><td>Electrode</td></tr><tr><td>1</td><td>Anode</td></tr><tr><td>2</td><td>Grid</td></tr><tr><td>3</td><td>Heater</td></tr><tr><td>4</td><td>Heater</td></tr><tr><td>5</td><td>Cathode</td></tr></table>			Pin	Electrode	1	Anode	2	Grid	3	Heater	4	Heater	5	Cathode
Pin	Electrode																	
1	Anode																	
2	Grid																	
3	Heater																	
4	Heater																	
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				<u>DIMENSIONS</u> See K1001/AI/D1.														
				<table><tr><td>Dimension</td><td>Min.</td><td>Max.</td></tr><tr><td>A mm</td><td>-</td><td>116</td></tr><tr><td>B mm</td><td>-</td><td>46</td></tr></table>			Dimension	Min.	Max.	A mm	-	116	B mm	-	46			
Dimension	Min.	Max.																
A mm	-	116																
B mm	-	46																
<u>NOTE</u>				<u>PACKING</u>														
A. Va = 100, Vg1 = 0.				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)		Min.	Max.	
a	4.0	0	0	Ih (A)	0.9	1.2	100% or S
b	4.0	100	0	Ia (mA)	5.0	10.0	100%
c	4.0	100	0	Gm (mA/V)	2.4	4.5	100%
d	4.0	100	-2	Reverse Ig1 (μ A)	-	0.5	100%