

Specification AD/CV1169/Issue 5. Dated 10.6.47. To be read in conjunction with K1001.	<table> <tr> <th colspan="2">SECURITY</th></tr> <tr> <td>Specn. Restricted</td><td>Valve Unclassified</td></tr> </table>	SECURITY		Specn. Restricted	Valve Unclassified
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Specn. Restricted	Valve Unclassified				

<u>TYPE OF VALVE:-</u> Vari- μ H.F. Pentode.				<u>MARKING</u> See K1001/4.		
<u>CATHODE:-</u> Indirectly heated.				<u>BASE</u> B7 See K1001/AIV/D5.3.		
<u>ENVELOPE:-</u> Glass-metallised.						
<u>PROTOTYPE:-</u> VMP4G.						
<u>RATING</u>			Note	Pin	Electrode	
Heater Voltage	(V)	4.0		1	Metallising	
Heater Current	(A)	1.0	A	2	Control grid	
Max. Anode Voltage	(V)	250		3	Suppressor grid	
Max. Screen Voltage	(V)	100		4	Heater	
Mutual Conductance	(mA/V)	2.7		5	Heater	
				6	Cathode	
				7	Screen grid	
				TC	Anode	
<u>NOTE</u> A. $V_a = 200$, $V_{g2} = 100$, $V_{g1} = -2$.				<u>TOP CAP</u> See K1001/AI/D5.1.		
				<u>DIMENSIONS</u> See K1001/AI/D1.		
				Dimension	Min.	Max.
				A mm	-	140
				B mm	-	50
<u>PACKING</u> See K1001/7.						

TESTS

To be performed in addition to those applicable in K1001.

	Test Conditions				Test	Limits		No. Tested
	Vh (V)	Va (V)	Vg2 (V)	Vg1 (V)		Min.	Max.	
a	4.0	-	-	-	Ih (A)	0.9	1.1	100%
b	4.0	200	100	-2	Reverse Ig (μ A)	-	1.0	100%
c	4.0	200	100	-2	Ia (mA)	5.0	11.0	100%
d	4.0	200	100	-2	Ig2 (mA)	1.5	8.4	100%
e	4.0	200	100	-2	gm (mA/V)	1.75	3.75	100%
f	4.0	200	100	-10	Ia (mA)	0.1	1.6	100%