

Specification MAP/CV1038/Issue 6 Dated 11. 2. 46. To be read in conjunction with K1001	<table border="1"> <tr> <th colspan="2">SECURITY</th></tr> <tr> <td>Specification</td><td>Valve</td></tr> <tr> <td>RESTRICTED</td><td>RESTRICTED</td></tr> </table>	SECURITY		Specification	Valve	RESTRICTED	RESTRICTED
SECURITY							
Specification	Valve						
RESTRICTED	RESTRICTED						

→ Indicates a change

<u>TYPE OF VALVE</u> - Medium Impedance Triode			<u>MARKING</u>			
<u>CATHODE</u> - Indirectly Heated			See K1001/4			
<u>ENVELOPE</u> - Glass, unmetallised						
<u>PROTOTYPE</u> - MHL4						
<u>RATING</u>			Note	<u>BASE</u>		
				B5		
Heater Voltage (V)	4.0	A A A	Pin	Electrode		
Heater Current (A)	1.0		1	Anode		
Max. Anode Voltage (V)	250		2	Grid		
Anode Impedance (Ω)	6,500		3	Heater		
Mutual Conductance (mA/V)	2.5		4	Heater		
Amplification Factor	16		5	Cathode		
Max. Anode Dissipation (W)	1.5					
<u>CAPACITANCES</u> (pF)				<u>DIMENSIONS</u>		
Cag	3.2		See K1001/AI/D1			
Cge	8.6		Dimension	Min.	Max.	
Cac	8.4		A (mm)	-	116	
			B (mm)	-	51	
<u>NOTES</u>						
A:- $V_a = 100 \text{ V}$. $V_g = 0 \text{ V}$.						

To be performed in addition to those applicable in K1001

	Test Conditions			Test	Limits		No. Tested
	Vh	Va	Vg		Min.	Max.	
a	4.0	0	0	Ih (A)	0.8	1.2	100% or S
b	4.0	100	-2	Reverse Ig (μ A)	-	1.0	100%
c	4.0	100	0	Ia (mA)	7.0	-	100%
d	4.0	100	0 to -2	gm (mA/V)	1.8	3.2	100%