

Specification MAP/CV1038/Issue 6 Dated 11. 2. 46. To be read in conjunction with K1001	<u>SECURITY</u>	
	<u>Specification</u> RESTRICTED	<u>Valve</u> 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
<u>NOTES</u>		B (mm)	-	51
A:- $V_a = 100$ V. $V_g = 0$ 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%