

Specification MAP/CV1037/Issue 8 Dated 16.1.47. 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> - Triode <u>CATHODE</u> - Indirectly heated <u>ENVELOPE</u> - Glass, unmetallised <u>PROTOTYPE</u> - MH4		<u>MARKING</u> See K1001/4	
<u>RATING</u>		<u>BASE</u> B5	
Heater Voltage (V)	4.0	Pin	Electrode
Heater Current (A)	1.0		
Max. Anode Voltage (V)	250	1	Anode
Max. Anode Dissipation (W)	2.5	2	Grid
Anode Impedance ( $\Omega$ )	11,500	3	Heater
Mutual Conductance (mA/V)	3.6	4	Heater
Amplification Factor	40	5	Cathode
		<u>DIMENSIONS</u> See K1001/AI/D1	
<u>NOTE</u>		Dimension	Min.      Max.
A. $V_a = 100, V_{g1} = 0.$		A      (mm)	-      116
		B      (mm)	-      46

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)	0.9	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 I <sub>g1</sub> (μA)	-	0.5	100%