

Specification MAP/CV1505/Issue 4 Dated 25.1.46. 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> - Triode <u>CATHODE</u> - Indirectly Heated <u>ENVELOPE</u> - Glass - Unmetallised <u>PROTOTYPE</u> - MH41			<u>MARKING</u> See K1001/4			
<u>RATING</u>		Note	<u>BASE</u> B5			
Heater Voltage (V)	4.0		Pin	Electrode		
Heater Current (A)	1.0	A	1	Anode		
Max. Anode Voltage (V)	250		2	Grid		
Mutual Conductance (mA/V)	6.0		3	Heater		
Anode Impedance (Ω)	13,000		4	Heater		
Amplification Factor	80		5	Cathode		
<u>NOTE</u> A:- $V_a = 100, V_g = 0.$			<u>DIMENSIONS</u> See K1001/AI/D1			
			Dimension		Min.	Max.
			A	(mm)	108	116
B	(mm)	-	45			
D	(mm)	-	31.5			

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	1.1	100%
b	4.0	100	0	Ia (mA)	4.5	9.0	100%
c	4.0	100	0	gm (mA/V)	4.5	7.5	100%
	Peak grid swing $\pm 0.5V$. max.						
d	4.0	100	-2	Reverse $I_g(\mu A)$	-	1.0	100%
e	4.0	70	14M Ω connected between anode and grid.	Ic (mA)	5.5	-	100%
f	4.0	250	-6.5	Ia (mA)	-	0.1	100%