

VALVE ELECTRONIC

GENERAL POST OFFICE: E-IN-C (S.)

Specification: G.P.O./CV 1678/Issue 1 Dated: 17 - 6 - 46 To be read in conjunction with K 1001	<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> Unmetallised glass <u>PROTOTYPE</u> MH 41		<u>MARKING</u>  See K 1001/4		
<u>RATING</u>		<u>Note</u>	<u>BASE</u> British 5-pin (B5)	
Heater voltage (V)	4.0		<u>CONNEXIONS</u>	
Nominal heater current (A)	1.0	A  A	Pin	Electrode
Max. anode voltage (V)	250		1	Anode
Mutual conductance (mA/V)	6.0		2	Grid
Amplification factor	80.0		3	Heater
			4	Heater
			5	Cathode
			<u>DIMENSIONS</u> See K 1001/A1/D1	
			<u>Dimension</u>	<u>Min.</u> <u>Max.</u>
			-A (mm)	-    117
			-B (mm)	-    45

NOTE

A. Measured with  $V_a = 100$ , and  $V_g = 0$

TESTS

To be performed in addition to those applicable in K 1001

	TEST CONDITIONS			TEST	LIMITS		No. Tested	Note
	Vh (V)	Va	Vg		Min.	Max.		
(a)	4.0	-	-	Ih (A)	0.9	1.1	100%	
(b)	4.0	100	0	Ia (mA)	4.0	10.5	100%	
(c)	4.0	100	0	gm (mA/V)	4.2	7.8	100%	
(d)	4.0	100	-2	Reverse Ig (uA)	-	1.0	100%	
(e)	4.0	100	0	u	65.0	95.0	100%	