

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

Specification: G.P.O./CV 1680/Issue 1 Dated: 12-6-46 To be read in conjunction with K 1001	<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> Triode				<u>MARKING</u> See K 1001/4		
<u>CATHODE:</u> Directly heated						
<u>ENVELOPE:</u> Unmetallised glass						
<u>PROTOTYPE</u> PM 202						
<u>RATING</u>			<u>Note</u>	<u>BASE</u> British 4-pin (B4)		
Filament voltage	(V)	2.0		<u>CONNECTIONS</u>		
Nominal filament current	(A)	0.2	A	Pin	Electrode	
Max. anode voltage	(V)	150		1	Anode	
Amplification factor		7.0		2	Grid	
Mutual conductance	(mA/V)	3.5		3	Filament -	
Anode impedance	(ohms)	2,000		4	Filament +	
				<u>DIMENSIONS</u> See K 1001/A1/D1		
				Dimension	Min.	Max.
				A (mm)	-	105
				B (mm)	-	48
<u>NOTE</u> A. Measured with $V_a = 100$, and $V_g = 0$						

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TESTS

To be performed in addition to those applicable in K 1001

	TEST CONDITIONS			TEST	LIMITS		No. Tested	Note
	Vf (V)	Va	Vg		Min.	Max.		
(a)	2.0	-	-	If (A)	0.18	0.22	100%	
(b)	2.0	150	- 24	Ia (mA)	0	1.0	100%	
(c)	2.0	150	- 12	Ia (mA)	11.0	22.0	100%	
(d)	2.0	150	- 6	Ia (mA)	21.5	43.0	100%	
(e)	2.0	150	- 6	Reverse Ig (μA)	-	1.2	100%	