

VALVE ELECTRONIC

CV1692

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

(POVT 128)

Specification: G.P.O./CV1692/Issue 1 Dated: 21.2.47 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> Umetallised glass <u>PROTOTYPE</u> AC/P		<u>MARKING</u> See K1001/4													
<u>RATING</u>		<u>BASE</u> British 5-pin (B5)													
Heater voltage (V) 4.0 Nominal heater current (A) 1.0 Max. anode voltage (V) 200 Amplification factor 10.0 Mutual conductance (mA/V) 3.75 Anode impedance (ohms) 2650	Note A A A	<u>CONNEXIONS</u>													
		<table border="1"> <thead> <tr> <th>Pin</th> <th>Electrode</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Anode</td> </tr> <tr> <td>2</td> <td>Grid</td> </tr> <tr> <td>3</td> <td>Heater</td> </tr> <tr> <td>4</td> <td>Heater</td> </tr> <tr> <td>5</td> <td>Cathode</td> </tr> </tbody> </table>	Pin	Electrode	1	Anode	2	Grid	3	Heater	4	Heater	5	Cathode	
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2	Grid														
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		<u>DIMENSIONS</u> See K1001/A1/D1													
		<table border="1"> <thead> <tr> <th>Dimension</th> <th>Min.</th> <th>Max.</th> </tr> </thead> <tbody> <tr> <td>A (mm)</td> <td>-</td> <td>127</td> </tr> <tr> <td>B (mm)</td> <td>-</td> <td>64</td> </tr> </tbody> </table>	Dimension	Min.	Max.	A (mm)	-	127	B (mm)	-	64				
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This valve type is obsolete and this specification is for record purposes only.

NOTE

A. Measured with $V_a = 200$
 $V_g = -12$

To be performed in addition to those applicable in K1001

	TEST CONDITIONS			TEST	LIMITS		No. Tested	Note
	Vh(V)	Va	Vg		Min.	Max.		
(a)	4.0	-	-	Ih (A)	0.8	1.2	100%	
(b)	4.0	200	-12	Ia (mA)	14.0	28.0	100%	
(c)	4.0	200	-12	μ	8.0	12.0	100%	
(d)	4.0	200	-12	Ra (ohms)	3000	4600	100%	