

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

(POVT 128)

Specification: G.P.O./CV1692/Issue 1	<u>SECURITY</u>	
Dated: 21.2.47	<u>Specification</u>	<u>Valve</u>
To be read in conjunction with K 1001	Restricted	Restricted

— — — — —> indicates a change

<u>TYPE OF VALVE:</u> Triode				<u>MARKING</u>			
<u>CATHODE:</u> Indirectly heated				See K1001/4			
<u>ENVELOPE:</u> Unmetallised glass							
<u>PROTOTYPE</u> AC/P							
<u>RATING</u>				<u>BASE</u>			
				British 5-pin (B5)			
				<u>CONNEXIONS</u>			
				<u>Pin</u>		<u>Electrode</u>	
Heater voltage (V) 4.0				1		Anode	
Nominal heater current (A) 1.0				2		Grid	
Max. anode voltage (V) 200				3		Heater	
Amplification factor 10.0				4		Heater	
Mutual conductance (mA/V) 3.75				5		Cathode	
Anode impedance (ohms) 2650							
				<u>DIMENSIONS</u>			
				See K1001/A1/D1			
				<u>Dimension</u>		<u>Min.</u>	<u>Max.</u>
				A (mm)		-	127
				B (mm)		-	64

This valve type is obsolete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%	