

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

(FOVT 93)

Specification: G.P.O./CV1666/Issue 1 Dated: 18.11.46 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> Directly heated <u>ENVELOPE:</u> Unmetallised glass <u>PROTOTYPE</u> P610			<u>MARKING</u> See K1001/4		
<u>RATING</u>			<u>BASE</u> British 4-pin (B4)		
			<u>CONNEXIONS</u>		
			Pin	Electrode	
Filament current (A) 0.1			1	Anode	
Nominal filament voltage (V) 5.7			2	Grid	
Max. anode voltage (V) 150			3	Filament -	
Amplification factor 8.0			4	Filament +	
Mutual conductance (mA/V) 2.3					
Anode impedance (ohms) 3.500					
			<u>DIMENSIONS</u> See K1001/A1/D1		
			Dimension	Min.	Max.
			A (mm)	-	127
			B (mm)	-	61

This valve type is obsolete
and this specification is
for record purposes only

NOTE

A. Measured with $V_a = 150$,
and $V_g = -4.5$

TESTS

To be performed in addition to those applicable in K1001

	TEST CONDITIONS			TEST	LIMITS		No. Tested	Note
					Min.	Max.		
(a)	Test Voltage 500 Volts D.C.			<u>INSULATION (megohms)</u>				
				(i) Anode to filament	100	-	1%	
				(ii) Between any other two electrodes	500	-	1%	
				(iii) Between any electrode and metallic shell of the base.	500	-	1%	
	If	Va	Vg					
(b)	0.1	-	-	Vf (V)	5.5	6.0	100%	
(c)	0.1	150	-4.5	Ra (ohms)	2500	4500	100%	
(d)	0.1	150	-4.5	μ	7.0	9.0	100%	