

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

Specification: G.P.O./CV 1658/Issue 1 Dated: 12-6-46 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> Directly heated <u>ENVELOPE:</u> Unmetallised glass <u>PROTOTYPE:</u> L.S. 9B			<u>MARKING</u> See K 1001/4		
<u>RATING</u>			<u>BASE</u> British 4-pin (B4)		
			<u>CONNEXIONS</u>		
Filament current	(A)	0.15	Pin	Electrode	
Nominal filament voltage	(V)	2.0	1	Anode	
Max. anode voltage	(V)	150	2	Grid	
Amplification factor		30.0	3	Filament -	
Anode impedance	(ohms)	50,000	4	Filament +	
			<u>DIMENSIONS</u> See K 1001/A1/D1		
			Dimension	Min.	Max.
			A (mm)	-	127
			B (mm)	-	60
<u>NOTE</u>					
A. Measured with $V_a = 130$, and $V_g = - 1.5$					

TESTS

To be performed in addition to those applicable in K 1001

	TEST CONDITIONS			TEST	LIMITS		No. Tested	Note
	If (A)	Va	Vg		Min.	Max.		
(a)	0.15	0	0	Vf (V)	1.8	2.2	100%	
(b)	0.15	130	- 1.5	Reverse Ig (μ A)	-	0.5	100%	
(c)	0.15	130	- 7.0	Ia (μ A)	-	1.5	100%	
(d)	0.15	130	- 1.5	Ia (mA)	0.6	1.1	100%	
(e)	0.15	130	- 1.5	gm (mA/V)	0.48	0.72	100%	
(f)	0.15	130	- 1.5	μ	25.0	35.0	1%	