

Specification DCD/CV1021/Issue 7 Dated 25.7.46. To be read in conjunction with K1001.	<u>SECURITY</u>	
	<u>Specification</u> RESTRICTED	<u>Valve</u> RESTRICTED

→ Indicates a change

<u>TYPE OF VALVE</u> - L.F. Triode		<u>MARKING</u> See K1001/4	
<u>CATHODE</u> - Directly Heated			
<u>ENVELOPE</u> - Glass - unmetallised			
<u>RATING</u>		<u>BASE</u> B4	
	Note		
Filament Voltage (V)	2.0	Pin	Electrode
Filament Current (A)	0.1	1	Anode
Max. Anode Voltage (V)	150	2	Grid
Max. Anode Dissipation (W)	1.0	3	Filament
Mutual Conductance (mA/V)	1.1		negative
Amplification Factor	15		Filament positive
	A		
	A		
		<u>DIMENSIONS</u> See K1001/A1/D1	
		Dimension	Min. Max.
		A (mm)	- 104
		B (mm)	- 43
		C (mm)	- 36
<u>NOTE</u>			
A: At $V_a = 100$, $V_g = 0$.			

To be performed in addition to those applicable
in K1001

	Test Conditions			Test	Limits		No. Tested
	Vf	Va	Vg		Min.	Max.	
a	2.0	0	0	If (A)	0.09	0.11	100% or 3
b	2.0	100	0	Ia (mA)	2.8	6.0	100%
c	2.0	100 Peak grid swing $\pm 1V$. max.	-	gm (mA/V)	0.85	1.4	100%
d	2.0	100	-2	Reverse Ig (μA)	-	1.0	100%
e	<u>NOISE.</u> The valve shall be tested for microphonic noise. See K1001/5.8.2.						100%