

MINISTRY OF SUPPLY (S.R.D.E.)

Specification MOS/CV1304/Issue 5 Dated 8.2.46 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> Triode <u>CATHODE:-</u> Directly heated <u>ENVELOPE:-</u> Glass - unmetallised <u>PROTOTYPE:-</u> LP2			<u>MARKING</u> See K1001/4		
<u>RATING</u>		<u>Note</u>	<u>BASE</u> B4		
Filament Voltage	(V) 2.0		A A A A	Pin	Electrode
Filament Current	(A) 0.2	1		Anode	
Max. anode voltage	(V) 150	2		Control grid	
Mutual conductance (mA/V)	3.6	3		Filament	
Amplification factor	15	4		Filament	
Impedance	(Ω) 4170	A			
<u>NOTES</u>			<u>DIMENSIONS</u> See K1001/AI/D1		
A. Measured at $V_a = 100$ $V_g = 0$			Dimension	Min	Max
This valve type is obsolete and this specification is for record purposes only.			A mm	-	108
			B mm	-	42

TESTS

To be performed in addition to those applicable in K1001

	Test Conditions			Test	Limits		No. Tested
					Min.	Max.	
a	Vf	Va	Vg	If (A)	0.18	0.22	100%
	1.9	-	-				
b	1.9	100	-3	Ia (mA)	2.9	6.1	100%
c	1.9	100	-3	gm (mA/V)	1.7	2.8	100%
d	1.9	100	-3	Reverse Ig ( $\mu$ A)	-	1.2	100%
e	1.9	40	40	Ie (mA)	80	-	100%