

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>MARKING</u>	
<u>CATHODE:-</u> Directly heated				See K1001/4	
<u>ENVELOPE:-</u> Glass - unmetallised					
<u>PROTOTYPE:-</u> LP2					
<u>RATING</u>			<u>Note</u>	<u>BASE</u>	
				B4	
Filament Voltage	(V)	2.0	▲ ▲ ▲ ▲	<u>Pin</u>	<u>Electrode</u>
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			
<u>NOTES</u>				<u>DIMENSIONS</u>	
A. Measured at $V_a = 100$ $V_g = 0$				See K1001/AI/D1	
This valve type is obsolete and this specification is for record purposes only.				<u>Dimension</u>	<u>Min</u> <u>Max</u>
				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 (μ A)	-	1.2	100%
e	1.9	40	40	Ie (mA)	80	-	100%