

Specification MOS/CV1312/Issue 5 Dated 14.2.26 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>  See K1001/4		
<u>CATHODE:-</u> Indirectly heated				
<u>ENVELOPE:-</u> Metallised				
<u>PROTOTYPE:-</u> 220 R				
<u>RATING</u>		Note	<u>BASE</u> B5	
Filament voltage	2.0	A	Pin	Electrode
Filament current	(A) 0.21		1	Anode
Max. anode voltage	(V) 150		2	Control grid
Mutual conductance	(mA/V) 1.35		3	Heater
<u>NOTES</u> A. Measured at $V_a = 100$ V, $V_g = 0$			4	Heater
			5	Cathode
			<u>DIMENSIONS</u> See K1001/AI/D1	
			Dimension	Min
A mm	90	97		
B mm	-	31		
L mm	75	81		

This valve type is obsolete and this specification is for record purposes only.

TESTS

To be performed in addition to those applicable in K1001

	Test Conditions			Test	Limits		No. tested
	Vh	Va	Vg1		Min	Max	
a	2.0	-	-	If (A)	0.19	0.23	100% or S
b	2.0	100	0	Ia (mA)	1.65	3.3	100%
c	2.0	100	0 to -1	gm (mA/V)	1.05	1.65	100%
d	2.0	100	-1	Rev. Ig ( $\mu$ A)	-	1.0	100%
e	2.0	150	-7	Ia (mA)	-	0.05	100%
f	<u>Heater - cathode insulation</u> K1001/5.3 shall apply except that the applied voltage shall be not less than 30 volts.						100%