

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

Specification MOS/CV1312/Issue 5
 Dated 14.2.26
 To be read in conjunction with K1001

SECURITY	
Specification Restricted	Valve Restricted

—————> indicates a change

<u>TYPE OF VALVE:-</u> Triode		<u>MARKING</u>			
<u>CATHODE:-</u> Indirectly heated		See K1001/4			
<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	
			4	Heater	
			5	Cathode	
<u>NOTES</u>		<u>DIMENSIONS</u>			
A. Measured at $V_a = 100$ V, $V_g = 0$		See K1001/A1/D1			
This valve type is obsolete and this specification is for record purposes only.		Dimension		Min	Max
		A mm		90	97
		B mm		-	31
		L mm		75	81

TESTS

To be performed in addition to those applicable in K1001

	Test Conditions			Test	Limits		No. tested
					Min	Max	
a	Vh	Va	Vg1	If (A)	0.19	0.23	100% or S
	2.0	-	-				
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 (μ 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%