

Specification No. MOS/CV1337/4 Dated : 25.9.45. To be read in conjunction with K1001.	<u>SECURITY</u>
	Valve Restricted      Specification Restricted ←

→ Indicates a change. ←

<u>TYPE OF VALVE</u> : Output Pentode <u>CATHODE</u> : Indirectly heated <u>ENVELOPE</u> : Glass unmetallised <u>COMMERCIAL PROTOTYPE</u> : 116 Pen	<u>MARKING</u>  As in K1001/4 ←
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<u>RATING</u>		Note	<u>BASE</u> British 7-pin	
			Pin	Electrode
Heater Voltage	11.5	A	1	No connection
Heater Current (amps)	0.65		2	No connection
Max. Anode Voltage	250		3	Screen Grid
Max. Screen Voltage	250		4	Heater
Mutual Conductance (mA/V)	7.0		5	Heater
			6	Cathode
			7	Anode
			TC	Control Grid

<u>NOTES</u>		<u>TOP CAP</u>		
A. Measured at $V_a = 100$ $V_{g2} = 100$ $V_{g1} = 0$ to $-1$	See K1001/A1/D5.1			
	<u>DIMENSIONS</u>			
	See K1001/A1/D1			
	Dimension	Min.	Max.	
A mm	139	145		
B mm	-	57.5		
L mm	123	130		

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## TESTS

To be performed in addition to those applicable in K1001

	Test Conditions					Test	Limits		No. Tested
	Vh	Va	Vg2	Vg1	Ia(mA)		Min.	Max.	
a	11.5	-	-	-	-	Ih (A)	0.6	0.7	100%
b	11.5	200	200	-	40	Vg1	-5.3	-8.1	100%
c	11.5	200	200	-	40	Ig2(mA)	-	10	100%
d	11.5	100	100	0 to -1	-	gm (mA/V)	5.6	-	100%
e	11.5	200	200	-	40	Reverse Ig (uA)	-	1.0	100%