

Specification MOS/CV1327/Issue 6 Dated 4.1.46. 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> : - Output Pentode		<u>MARKING</u>		
<u>CATHODE</u> : - Indirectly heated		See K1001/4		
<u>ENVELOPE</u> : - Glass-unmetallised				
<u>PROTOTYPE</u> : - Pen 1340				
<u>RATING</u>		Note	<u>BASE</u> B7	
Heater voltage (V)	13.0	A	Pin	Electrode
Heater current (A)	0.4		1	No Connection
Max. Anode voltage (V)	250		2	Control Grid
Max. Screen voltage (V)	250		3	Screen Grid
Max. Anode dissipation (W)	8		4	Heater
Mutual conductance (mA/V)	7.5		5	Heater
<u>CAPACITANCES</u> (pF)			6	Cathode
C <sub>ag</sub>	1.45		7	Anode
C <sub>ae</sub>	9.25	<u>DIMENSIONS</u>		
C <sub>ge</sub>	12.0	See K1001/AI/D1		
<u>NOTES</u>		<u>Dimension</u>	<u>Min.</u>	<u>Max.</u>
A. Measured at $V_a = 250$ , $V_{g2} = 250$ , $V_{g1} = -6$ . <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">             This valve type is obsolete and this specification is for record purposes only.           </div>		A mm	108	122
		B mm	-	39
		L mm	93	106

## TESTS

To be performed in addition to those applicable in K1001

	Test Conditions				Test	Limits		No. Tested
						Min.	Max.	
a	See K1001/AIII				<u>Capacitances</u> (pF)			
	Links to H.P.	Links to L.P.	Links to E.					
	7	2	1,3,4,5,6,8,9,10 TC1,TC2.					
	7	1,3,4,5,6.	2,8,9,10 TC1,TC2.					
	2	1,3,4,5,6.	7,8,9,10 TC1,TC2.		(i) Cag	1.1	1.9	6
					(ii) Cae	7.0	11.5	per
					(iii) Cge	9.5	14.5	week
b	Vh	Va	Vg2	Vg1	Ih (A)	0.36	0.44	100% or S
	13.0	-	-	-				
c	13.0	250	250	-9	Ia (mA)	27.0	55.0	100%
d	13.0	250	250	-9	Ig2 (mA)	-	12	10% (50)
e	13.0	250	250	-9 to -3	Ia rise (mA)	38	54	100%
f	13.0	250	250	-9	Rev. Ig (μA)	-	0.5	100%