

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
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—————> 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	
				6	Cathode	
<u>CAPACITANCES (pF)</u>				7	Anode	
C _{ag}		1.45		<u>DIMENSIONS</u>		
C _{ae}		9.25		See K1001/AI/D1		
C _{ge}		12.0				
<u>NOTES</u>				<u>Dimension</u>	<u>Min.</u>	<u>Max.</u>
A. Measured at V _a = 250, V _{g2} = 250, V _{g1} = -6.				A mm	108	122
This valve type is obsolete and this specification is for record purposes only.				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/ATIII				<u>Capacitances</u> (pF)			6 per week
	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	
					(ii) Cas	7.0	11.5	
					(iii) Cge	9.5	14.5	
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%