

Specification MOS(A)/CV2394 Issue 1. 21,12,56 To be read in conjunction with K.1001, BS1409	<u>SECURITY</u>	
	Specification UNCLASSIFIED	Valve UNCLASSIFIED

TYPE OF VALVE - Triode CATHODE - Indirectly Heated ENVELOPE - Glass PROTOTYPE - DAA2	<u>MARKING</u> See K.1001/4
	<u>BASE</u> American Medium 4 pin

<u>RATING</u> (All limiting values are absolute)	Note	<u>CONNECTIONS</u>	
		Pin	Electrode
Heater Voltage (V) 7.5 Heater Current (A) 1.2 Max. Anode Voltage (V) 1000 Max. Anode Dissipation (W) 40 Anode Impedance (Ω) 24000 Amplification Factor 72 Mutual Conductance (mA/V) 3.0	A A A A A A	1 2 3 4 Top Cap	Heater h Cathode k Grid g Heater h Anode a

<u>CAPACITANCES (pF)</u>	5.2 1.0 4.0	<u>TOP CAP</u> See K.1001/A1/D5.1		
C in C out Cag		<u>DIMENSIONS</u> See K.1001/A1/D1		
	Dimension (mm)	Min.	Max.	
	A Overall length	140	160	
	B Diameter	-	62	
Diameter of valve not to exceed 55 m.m. up to a height of 51 m.m. from bottom of base.				

<u>NOTES</u>
A Measured at Va = 1000, Vg = 0.

To be performed in addition to those applicable in K.1001

Test Conditions				Test	Limits		No. Tested	Note	
Vh	Va	Vg1	Ia(mA)		Min.	Max.			
a	7.5	0	0	0	Heater Current (A)	1.08	1.32	100% or S	
b	7.5	1500	adjust	26.5	Anode Dissipation	-	-	100%	1
c	7.5	1500	adjust	26.5	Reverse Grid Current (μ A)	-	9.0	100%	1
d	7.5	1000	0	-	Anode Current (mA)	21	30	100%	
e	7.5	400	400	-	Cathode Current (A)	2.25	-	100%	2

NOTES

- Anode current to be maintained at a constant value by adjusting Vg1. Readings of Vg1 and -I_{g1} to be taken at 1 minute intervals. Vg1 must be constant within 2 minutes. Duration of test, 5 mins.
- Measured under pulse conditions.