

Specification MOS(A)/CV1955	<u>SECURITY</u>
Issue 1 Dated 2. 1. 1956	<u>Specification</u> <u>Valve</u>
To be read in conjunction with K1001	UNCLASSIFIED UNCLASSIFIED

TYPE OF VALVE - HF pentode CATHODE - Indirectly heated ENVELOPE - Glass PROTOTYPE - CV4014; CV138	<u>MARKING</u>												
	See K1001/4												
<u>RATING, CONNECTIONS, CAPACITANCES and NOTES</u> See specification MOS(A)/CV4014 Issue 3 Dated 6.12.54	<u>BASE</u>												
	See BS 448 : B7G/1.1												
	<u>DIMENSIONS</u>												
	See BS 448 : B7G/2.1												
	<table border="1"> <thead> <tr> <th>Dimension (mm)</th> <th>Min.</th> <th>Max</th> </tr> </thead> <tbody> <tr> <td>A. Seated height</td> <td>-</td> <td>47.5</td> </tr> <tr> <td>C. Diameter</td> <td>16.0</td> <td>19.0</td> </tr> <tr> <td>D. Overall length</td> <td>-</td> <td>54.5</td> </tr> </tbody> </table>	Dimension (mm)	Min.	Max	A. Seated height	-	47.5	C. Diameter	16.0	19.0	D. Overall length	-	54.5
Dimension (mm)	Min.	Max											
A. Seated height	-	47.5											
C. Diameter	16.0	19.0											
D. Overall length	-	54.5											
	<u>MOUNTING POSITION</u>												
	Any												

TESTS

The following tests shall be performed in addition to those required by Specification MOS(A)/CV4014 issue 3 dated 6.12.54.

K1001	Test	Test conditions	Insp. Level	Symbol	Limits		Units
					Min	Max	
	Anode current	Vh=6.3V Va=200V Vg2=200V Vg3=0 Vg1= -1.5	100%	Ia	8	12	mA
	Mutual Conductances (1)	As above	100%	gm	7.25	8.75	mA/V
	Mutual Conductance (2)	Vh=6.3 Va=200V Vg2=200 Vg3 = 0 Vg1 = -4.0	100%	gm	0.275	0.65	mA/V