

MINISTRY OF SUPPLY - DLRD(A)/RRE(South)

VALVE ELECTRONIC CV 1955

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	<u>MARKING</u>		
CATHODE - Indirectly heated	See K1001/4		
ENVELOPE - Glass	<u>BASE</u>		
PROTOTYPE - CV4014; CV138	See BS 448 : B7G/1.1		
<u>RATING, CONNECTIONS, CAPACITANCES and NOTES</u>	<u>DIMENSIONS</u>		
See specification MOS(A)/CV4014 Issue 3 Dated 6.12.54	See BS 448 : B7G/2.1		
	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