MINISTRY OF SUPPLY (S.R.D.E.)

VALVE ELECTRONIC **CV266**
Serial No.

Specification No. MOS/CV266/2 Dated : 25.9.45. To be read in conjunction with K1001	SECURITY Specification Unclass. Valve Unclass.

→ Indicates a change

TYPE OF VALVE : High mu triode CATHODE : Directly heated ENVELOPE : Glass COMMERCIAL PROTOTYPE : XO/HG.	MARKING As in K1001/4, also Lot No. ..... Colour Code (Note B) ←

RATING		Note
Filament Voltage (V)	1.2	
Filament Current (max)(A)	0.15	
Max. Anode Voltage	100	
Mutual Conductance (mA/V)	0.7	A
Amplification Factor	35	A
Anode Impedance (Ω)	50,000	A

BASE
None

CONNECTIONS
See diagram page 3

DIMENSIONS
See K1001/A1/D1

Dimension	Min.	Max.
L mm	-	32
B mm	-	10
Pip length	-	6

NOTES
A. Measured at Va = 100, Vg = 0.
B. A GREEN mark shall appear adjacent to the anode lead and the numbering shall be in GREEN.

Special Requirements

1. The valves are required for embodiment into receivers and for short period operation. They are not required for replacement or normal life.

2. The valves are required to have a long life in storage and shall meet the requirements of this specification after a holding period of not less than one month from the date of the initial test.

3. Owing to the mechanical requirements of the valves no modifications, however minor, shall be made to the valves without notification to the type-approving authority, who may call for samples at any time for comparison with the original samples for which type approval has been given.

CV266

TESTS

To be performed in addition to those applicable in K1001

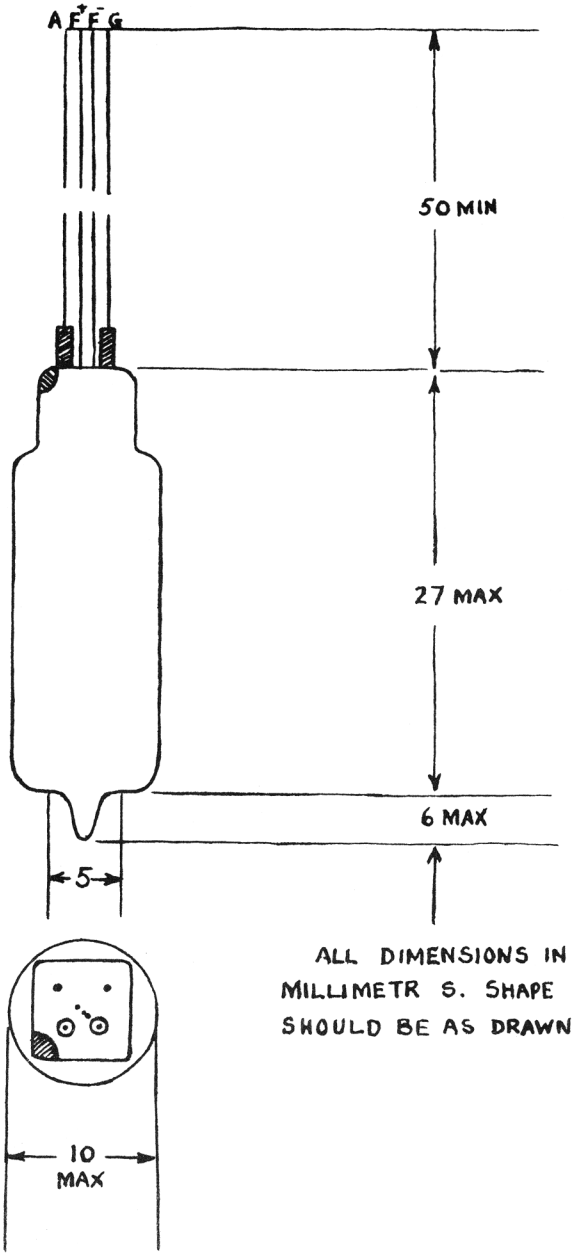
	Test Conditions				Test	Limits		No. Tested	Note
						Min.	Max.		
a	Vf	Va	Vg		If (A)	0.128	0.138	100%	
	1.1	-	-						
b	0.75	90	-0.75	Ra = 0.5MΩ Rg = 1.0MΩ	Gain	21.0	26.5	100%	1
c	1.1	90	-1.1	Ra = 0.5MΩ Rg = 1.0MΩ	Gain	21.0	26.5	100%	1
d	0	140 0	0) 140)		Leakage (μA) Anode to all. Grid to all.	-	0.15	100%	
e	1.2	140	-2		Rev. Ig (μA)	-	0.5	100%	2

Notes

1. This test shall be carried out in an approved circuit which shall incorporate an 0.22 MΩ resistor inserted in series with the applied signal and between the 1.0 MΩ resistor and the grid.

2. This test shall be carried out with a maximum time delay of 0.5 secs.

CV 266 267



ALL DIMENSIONS IN MILLIMETRES. SHAPE SHOULD BE AS DRAWN

COLOUR CODE MARK NEXT TO ANODE LEAD