

Specification MOSA/CV2241 Issue 2 Dated 27.3.1953 To be read in conjunction with K1001 ignoring clauses 5.2, 5.8.	<table border="1"> <tr> <th colspan="2"><u>SECURITY</u></th></tr> <tr> <td><u>Specification</u></td><td><u>Valve</u></td></tr> <tr> <td>UNCLASSIFIED</td><td>UNCLASSIFIED</td></tr> </table>	<u>SECURITY</u>		<u>Specification</u>	<u>Valve</u>	UNCLASSIFIED	UNCLASSIFIED
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<u>Specification</u>	<u>Valve</u>						
UNCLASSIFIED	UNCLASSIFIED						

—————> Indicates a change

TYPE OF VALVE - High vacuum. Half Wave Rectifier.			<u>MARKING</u> See K1001/4	
CATHODE - Directly heated				
ENVELOPE - Glass, unmetallised				
PROTOTYPE - SN 956B				
<u>RATING</u>			<u>BASE</u> None	
			Note	
Filament Voltage	(V)	1.25		
Filament Current	(A)	0.14		
Max. applied RMS Voltage	(kV)	4.2		
Max. Working Peak Inverse Voltage	(kV)	10.0	<u>CONNECTIONS AND DIMENSIONS</u>	
Max. No Load Peak Inverse Voltage	(kV)	12.0		
Max. Mean D.C. Rectifier Current	(mA)	2.0		
Max. Peak Anode Current	(mA)	12.0		
Max. Reservoir Condenser	(μF)	0.1		
Min. Limiting Resistance Introduced Externally	(ohms)	150,000		
Max. Supply Frequency	(kc)	400		
See Drawing on Page 3.				

To be performed in addition to those applicable in K1001

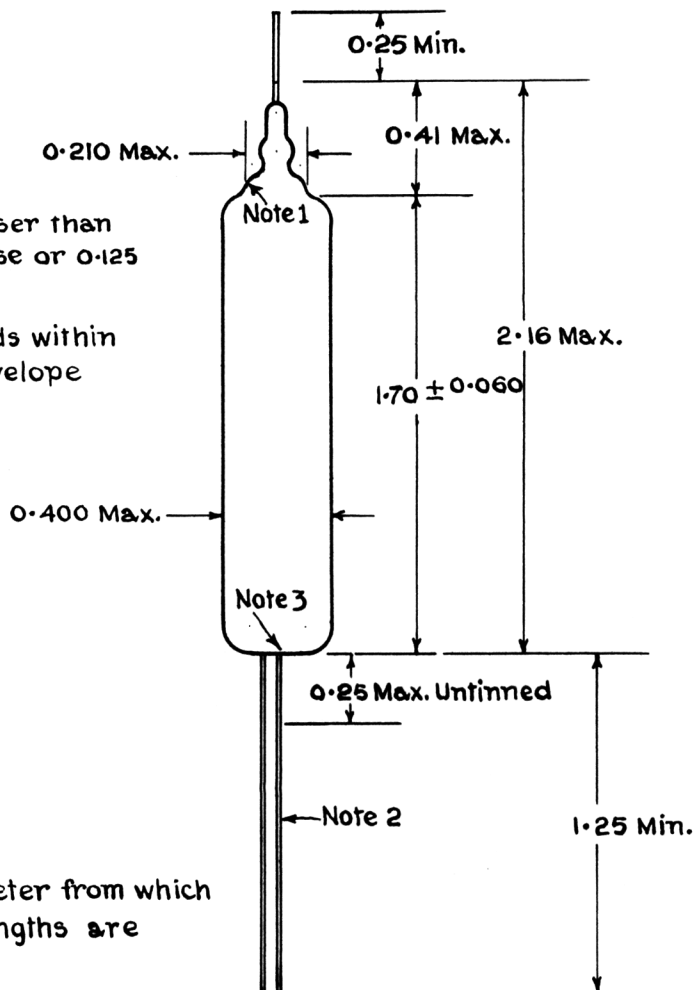
Test Conditions				Test	Limits		No Tested	Note
					Min.	Max.		
	Vf	Va	Ia	If (mA)	126	154	100% or S	
a	1.25	0						
b	1.25	Load resistance = 2 Megohms Output Voltage = 4,000 Volts (Approx.) Freq. = 50 CPS Condenser = 0.1 μ F Limit Resistance = 150,000 ohms	2 mA	Load Test (Note 1)			100%	
c	1.25	Vary	5.0mA	Va (V)		70.0	100%	←

NOTES

1. Run for 10 minutes. Reject for softness or persistent flashover.

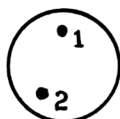
Application :

- 1 Do not solder closer than 0.250" to tube base or 0.125 to tube tip.
- 2 Do not bend leads within 0.062" of tube envelope



Notes:

- 1 Reference diameter from which tip and bulb lengths are determined
- 2 Leads diameter 0.015" ± 0.002"
- 3 Arrow indicates position of reference leads



1~ Filament
2~ Filament
Plate Top Lead