

Specification MOS(A)/CV2248-52	<u>SECURITY</u>	
Issue 3 Dated 13. 12. 54	<u>Specification</u>	<u>Valve</u>
To be read in conjunction with K1001	UNCLASSIFIED	UNCLASSIFIED

—————> Indicates a change

TYPE OF VALVE - Hydrogen-filled Protective Spark Gap CATHODE - Cold ENVELOPE - Glass PROTOTYPE - VX9054			<u>MARKING</u>	
			See K1001/4 and also Note D	
			<u>BASE</u>	
			None	
			See Drawing on Page 3.	
<u>RATING</u>			<u>CONNECTIONS AND DIMENSIONS</u>	
			See Drawing on Page 3.	
			<u>MOUNTING POSITION</u>	
			Any	

NOTES

- A. Absolute maximum value
- B. Current pulse to be of approx sine waveform having 40 μ sec duration at half amplitude.
- C. The maximum repetition rate shall be adjusted such that over a period of 5 secs. the sum of the products (peak current X pulse width) does not exceed 10^4 micro-coulombs.
- D. In particular, the requirements of K1001/4.4 shall also apply to the valve and its packaging.

For handling and disposal instructions, see Memorandum in K1001 - Radio-active Valves - Handling and Disposal - dated September, 1953.

To be performed in addition to those applicable in K1001

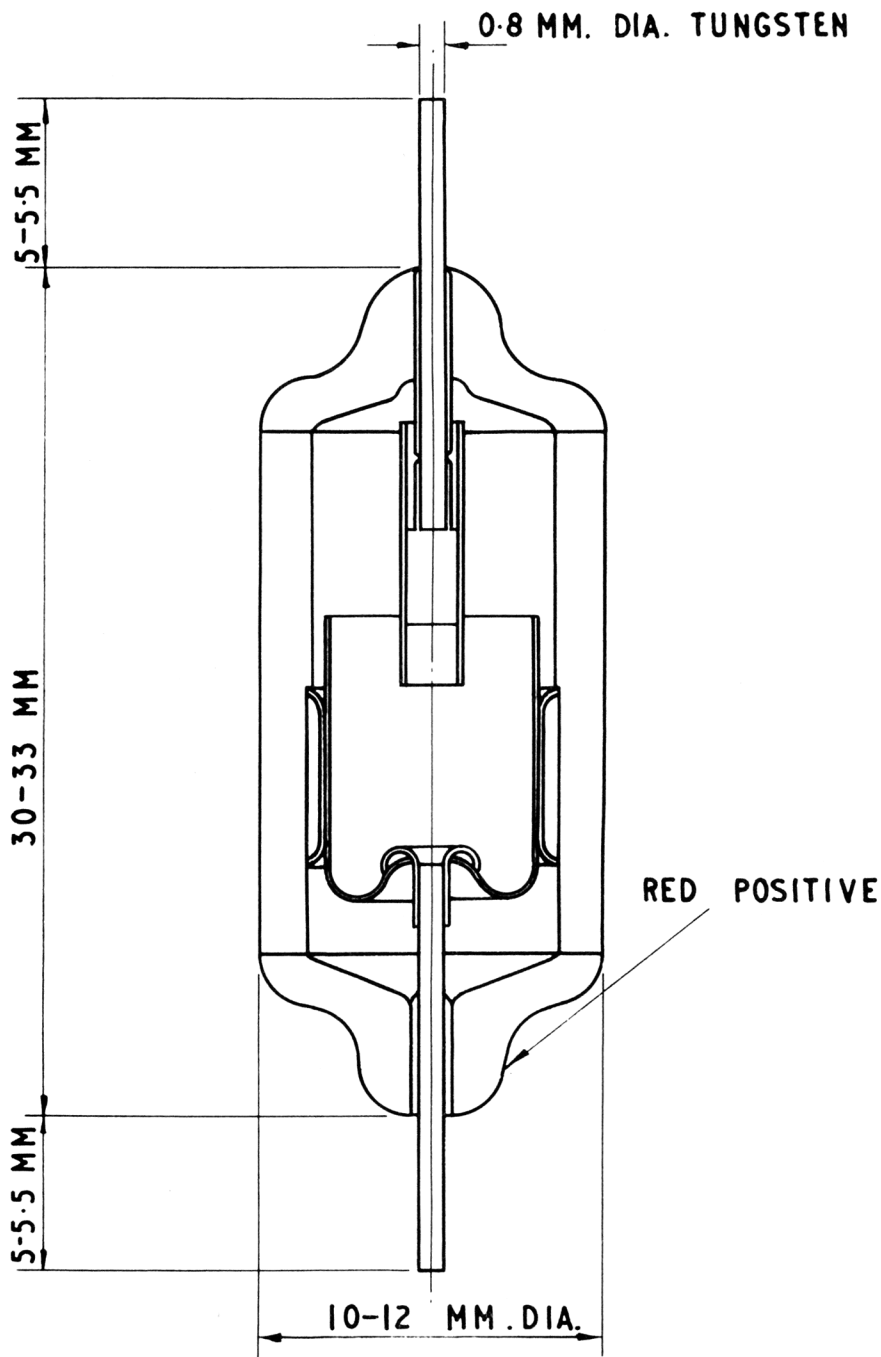
Test Conditions - unless otherwise specified

Notes 1 and 2

Test	Test Conditions	AQL %	Insp. Level	Sym- bol	Limits		Units
					Min.	Max.	
a	<u>Breakdown Voltage</u> CV2248 CV2249 CV2250 CV2251 CV2252		100%		870 1120 1370 1620 1870	1130 1380 1630 1880 2130	V V V V V
b	Life	Rate of discharge Note 3	10.0	IB	5000	-	dis- charges

NOTES

1. Test to be performed after 7 days shelf life.
2. Test to be performed using a current pulse of approximately sine waveform having 20 μ secs duration at half amplitude and 25A peak.
3. The maximum repetition rate shall be adjusted such that over any period of 5 secs., the sum of the products (peak current X pulse width) does not exceed 10^4 micro-coulombs.



SCALE 4:1

CV 2248-52/3/3