

Specification MOS(A)/CV2902	<u>SECURITY</u>	
Issue 1 Dated 11. 5. 54.	<u>Specification</u>	<u>Valve</u>
To be read in conjunction with K1001	UNCLASSIFIED	UNCLASSIFIED

TYPE OF VALVE - Gas-filled Limiting Diode				<u>MARKING</u>	
ENVELOPE - Glass				See K1001/4.	
PROTOTYPE - GX402				<u>BASE</u>	
<u>RATING</u>				B7A	
				<u>CONNECTIONS</u>	
				All base pins ... Cathode Top cap ... Anode	
				<u>DIMENSIONS AND TOP CAP</u>	
Max. Anode Current (A)				160	A
Max. Ignition Voltage (V)				750	
Max. Gap Voltage (V)				400	
				<u>DIMENSIONS AND TOP CAP</u>	
				See Drawing on Page 2.	
				<u>MOUNTING POSITION</u>	
				Any	
<u>NOTE</u>					
A. PRF = 500 pps; Tp = 2 μsecs.					

TESTS

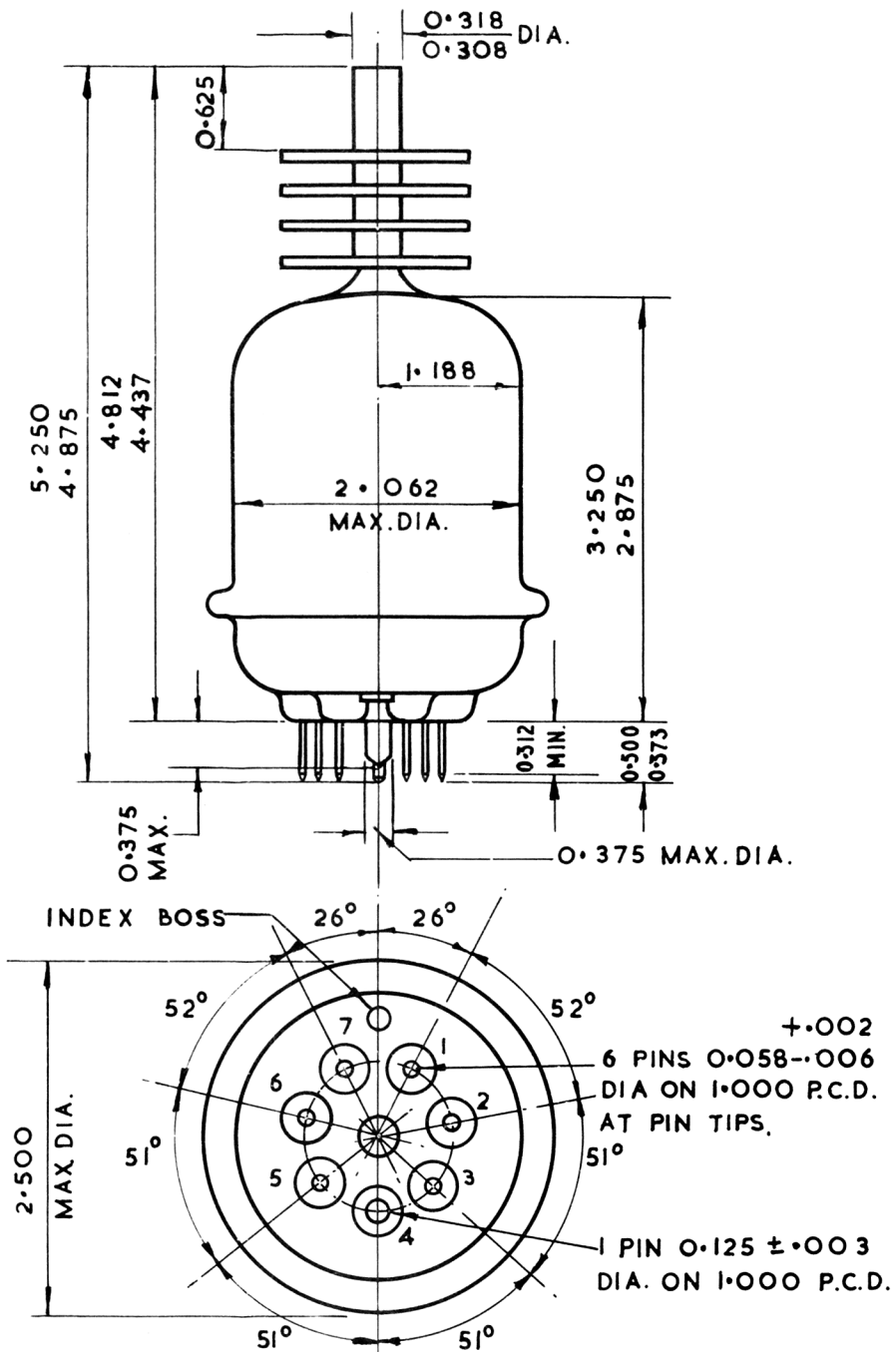
To be performed in addition to those applicable in K1001

Test Conditions		Test	Limits		No. Tested	Note
			Min.	Max.		
a	Adjust V_a until current flows	Ignition Voltage (V)	-	750	100%	
b	Adjust V_a to obtain a peak current of 160A	Gap Voltage (V)	-	400	100%	1

NOTE

- This test shall be performed using Modulator, Type 277. FRF = 500;
 $T_p = 2 \mu\text{secs.}$

The arc drop shall be read on a CRO and measured one usec after the leading edge of the pulse.



DIMENSIONS IN INCHES