

Specification MOSA/CV2290 Issue 1 Dated 25.6.53. To be read in conjunction with K.1001.	<u>SECURITY</u>	
	<u>Specification</u> UNCLASSIFIED	<u>Valve</u> UNCLASSIFIED

→ Indicates a change

TYPE OF VALVE - Germanium VHF Mixer Crystal CONSTRUCTION - To be panclimatic within the temperature range -40 to 100°C. PROTOTYPE - VX3163 (GEX.66)		<u>MARKING</u> Each crystal shall be marked with the number "CV2290" and with the polarity which shall be indicated either by a "+" or a "-" sign or by marking the positive end red.	
<u>RATING</u>		Note	<u>DIMENSIONS</u> See drawing on Page 2
Max. continuous positive anode current (mA)	50		
Average turnover voltage (V)	10		
Max. Forward Resistance at +0.5V (Ω)	100		
Max. Backward Resistance at -1.0V (kΩ)	20		
<u>NOTE</u> The above ratings apply at a temperature of 20° ± 5°C.			

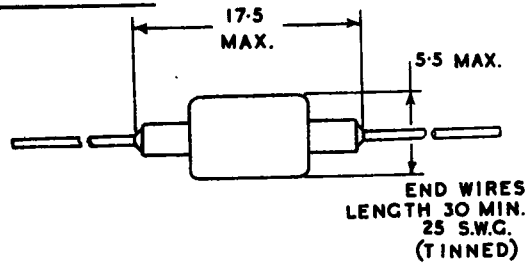
To be performed in addition to those applicable in K_1001

Applied Voltage	Test	Limits		No. Tested	Note	
		Min.	Max.			
a	0.5 volt	Current (mA)	5	-	100%	1
b	-1.0 volt	Current (uA)	-	50	100%	1

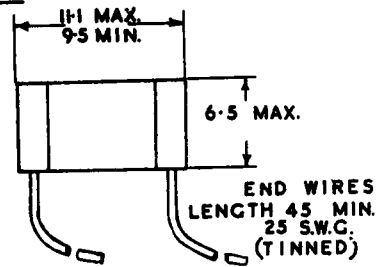
NOTES

1. Test to be carried out at a temperature of $20^{\circ} \pm 5^{\circ}\text{C}$.

OUTLINE No 1.



OUTLINE No 2.



ALL DIMENSIONS IN MILLIMETRES.