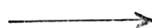


MINISTRY OF SUPPLY - DLRD(A)/RRE(South)VALVE ELECTRONIC

CV2183

Specification MOS(A)/CV2183 Issue 3 Dated 9.3.55. To be read in conjunction with K1001	<table> <tr> <th colspan="2"><u>SECURITY</u></th></tr> <tr> <th><u>Specification</u></th><th><u>Valve</u></th></tr> <tr> <td>UNCLASSIFIED</td><td>UNCLASSIFIED</td></tr> </table>	<u>SECURITY</u>		<u>Specification</u>	<u>Valve</u>	UNCLASSIFIED	UNCLASSIFIED
<u>SECURITY</u>							
<u>Specification</u>	<u>Valve</u>						
UNCLASSIFIED	UNCLASSIFIED						



Indicates a change

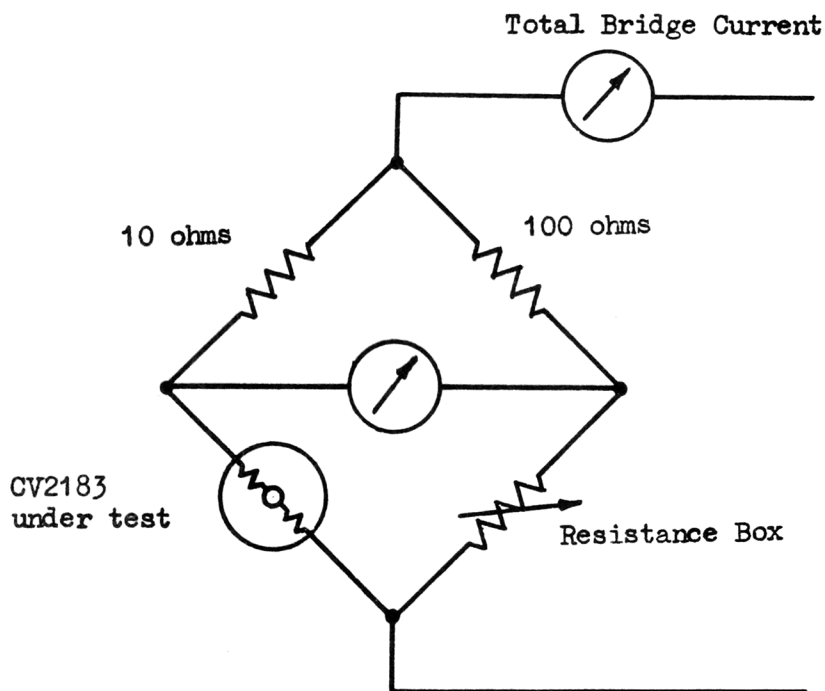
TYPE OF VALVE - Bolometer ENVELOPE - Glass - unmetallised PROTOTYPE - X661		<u>MARKING</u> CV2183 Factory Identification Code Date Code	
<u>RATING</u> Nominal Cold Resistance (ohms) Max. Operating Resistance(ohms)		Note 2.7 22	<u>BASE</u> See Drawing on Page 3 <u>CONNECTIONS AND DIMENSIONS</u> See Drawing on Page 3

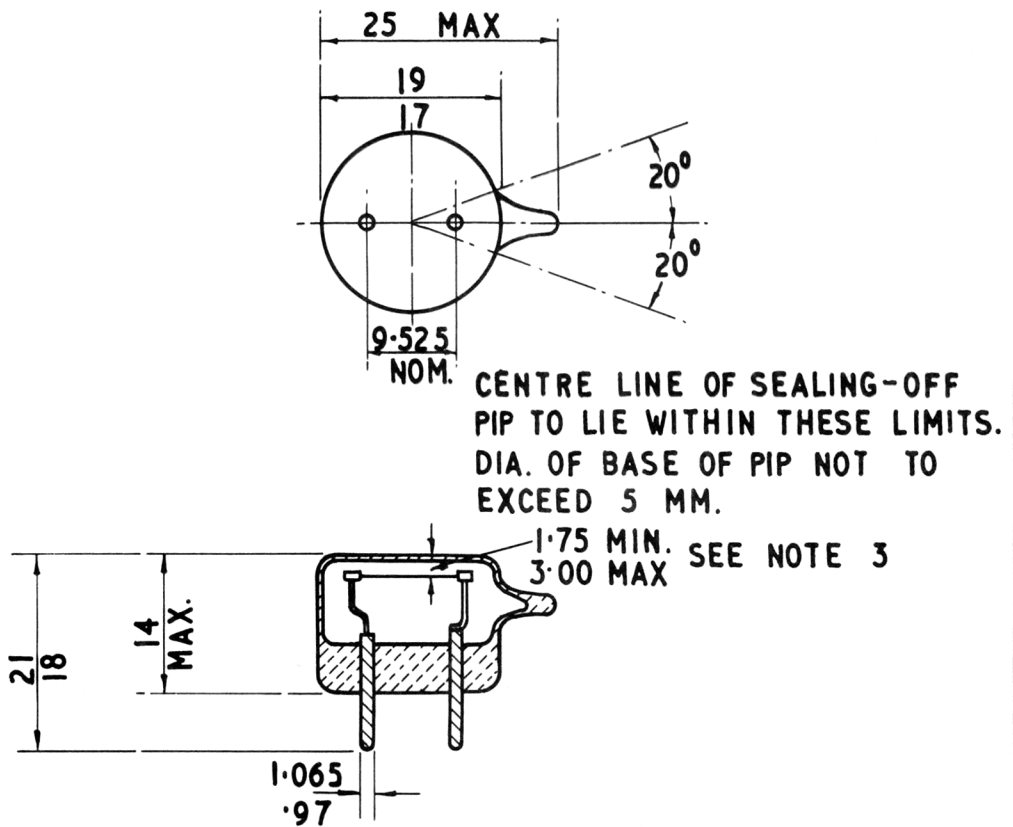
To be performed in addition to those applicable in K1001

Test Conditions		Test	Limits		No. Tested	Note
			Min.	Max.		
a	Total Bridge Current (DC) 2 mA to 3 mA	Resistance (ohms)	2.6	3.2	100%	1
b	Resistance 18 ohms	Total Bridge Current (mA) Current (DC)	66	82	100%	1

NOTE

1. Valve to be tested in bridge circuit. See Diagram.





NOTES

- 1 THE PINS ARE POSITIONED DIAMETRICALLY OPPOSITE AS SPECIFIED FOR A B7G BASE IN K1001/ATV/D9.
- 2 THE BOLOMETER MUST BE ABLE TO PLUG IN A B7G PIN POSITION GAUGE, AS DRAWN IN K1001/ATV/D9A.
- 3 THIS DIMENSION IS TO BE MEASURED AS THE DIFFERENCE BETWEEN THE OVERALL HEIGHT OF THE BOLOMETER AND THE MEAN HEIGHT OF THE FILAMENT ABOVE THE END OF THE PINS. THE LATTER DIMENSION SHALL BE MEASURED BEFORE THE BULB IS SEALED TO THE BASE.

ALL DIMENSIONS IN MMS.