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

VALVE ELECTRONIC **CV 2234**

Specification MOS(A)/CV2234 **Issue 4 Dated 4.3.55** **To be read in conjunction with K1001**	SECURITY Specification: UNCLASSIFIED Valve: UNCLASSIFIED

→ Indicates a change

TYPE OF VALVE - Filament Bolometer

ENVELOPE - Glass with sleeve contacts

PROTOTYPE - X662

MARKING

CV2234
Factory Identification Code
Date Code
Broad Arrow

RATING

			Note
Cold Resistance	(ohms)	65	
Max. Operating Resistance	(ohms)	130	

BASE

See Drawing on Page 4.

CONNECTIONS & DIMENSIONS

See Drawing on Page 4.

Z.8597.R.

TESTS

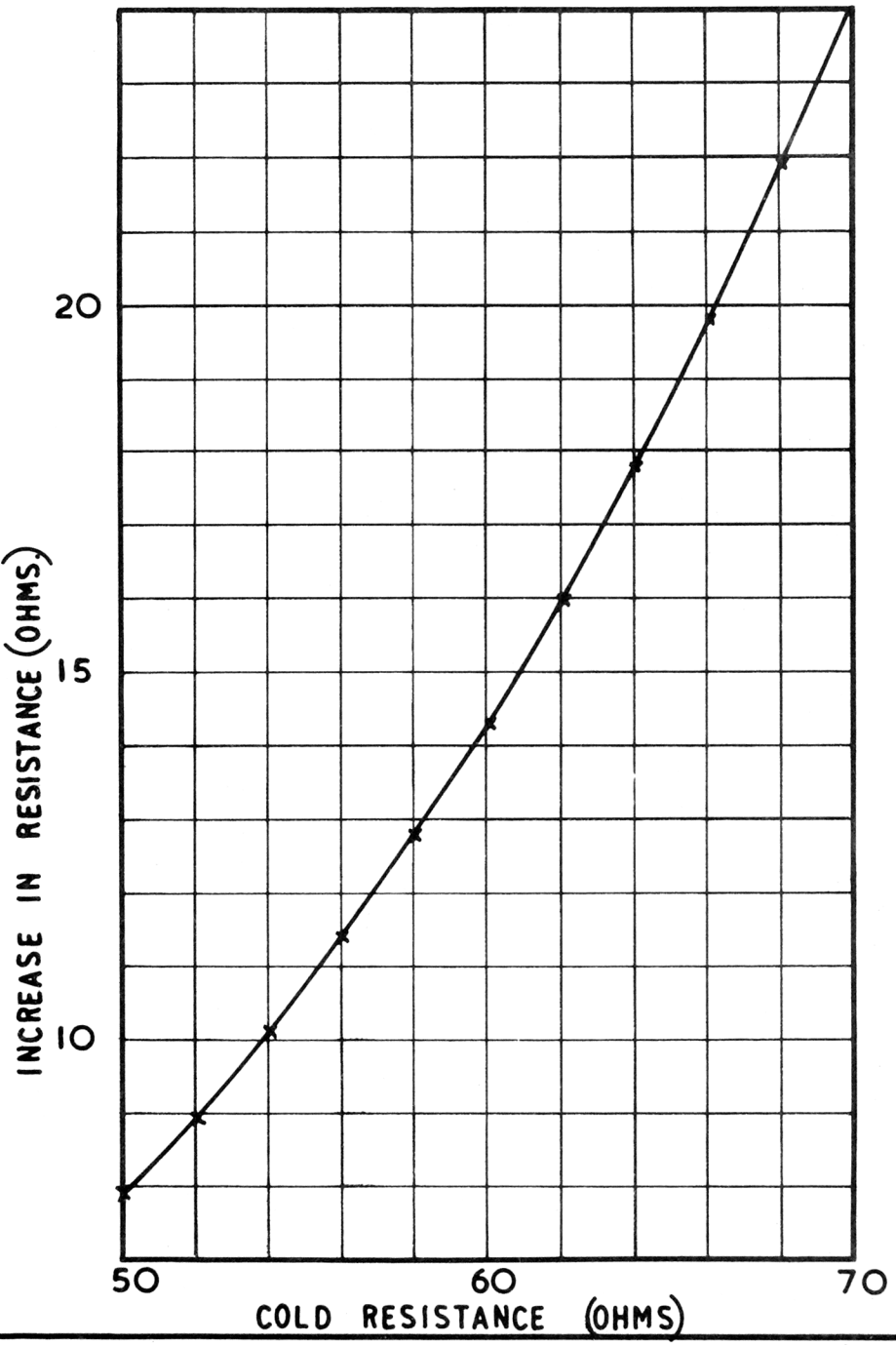
To be performed in addition to those applicable in K1001

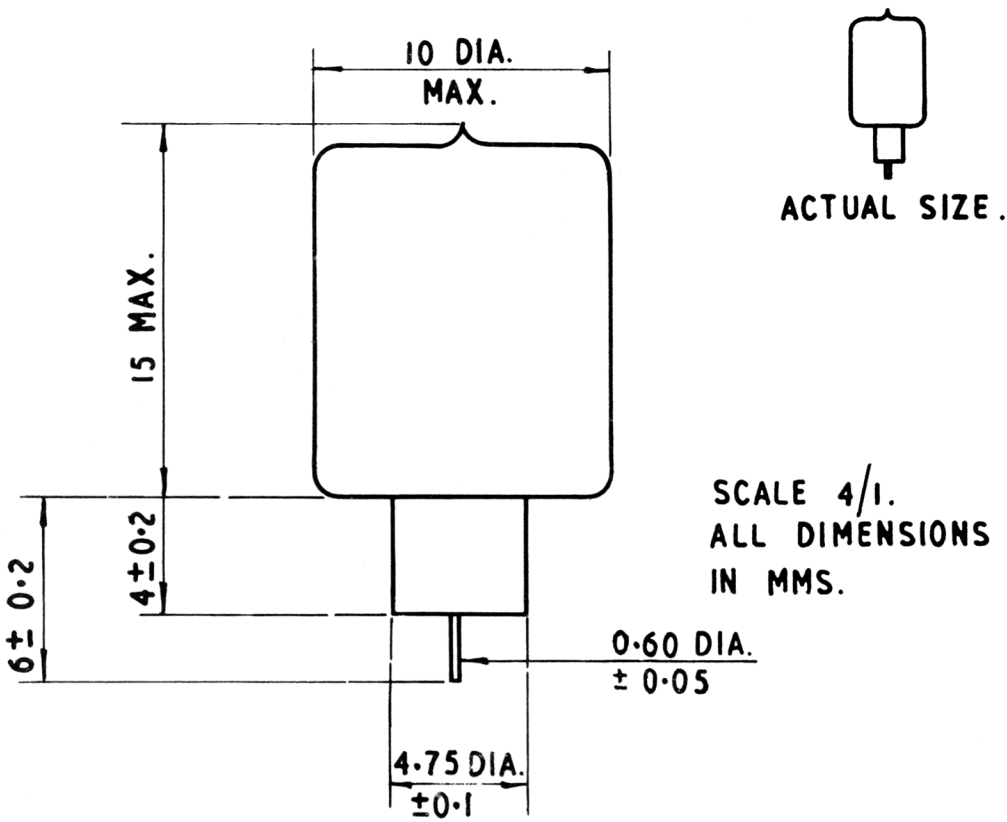
	Test Conditions			Test	Limits Min.	Limits Max.	No. Tested	Note
a	Total Bridge Current (DC)	(mA)	0.5	Resistance (ohms)	60	70	100%	1
b	As for Test (a)	(mA)	1.5	Minimum (ohms) increase in resistance above value obtained in Test (a)	See graph on Page 3		100%	1
c	As for Test (a) but with current passed in reverse direction	(mA)	1.5	Change in (ohms) resistance from value in Test (b)	-	0.05	100%	1

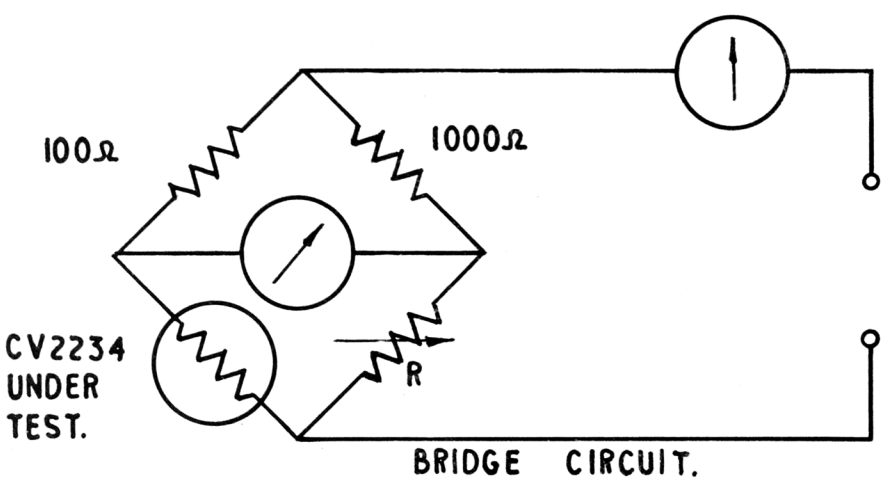
NOTE

1. The valve shall be tested in the bridge circuit shown in the diagram on Page 4.

CV2234


20
15
10
INCREASE IN RESISTANCE (OHMS)
50
60
70
COLD RESISTANCE (OHMS)





BRIDGE CIRCUIT.