AMENDMENT NO. 1

to Issue No. 2 dated 4.1.50
of Specification Valve Electronic CV.425

Page 3.

Amend the legend appearing on Outline No. 1 to read:-

"End wires length 30 Min. 23-25 SWG (Tinned)"

Amend the legend appearing on Outline No. 2 to read:-

"End wires length 45 Min. 23-25 SWG (Tinned)"

T.V.C. for R.R.E.

March, 1958

N.24951R

MINISTRY OF SUPPLY (S.R.D.E.)

VALVE ELECTRONIC CV 425

Specification MOS/CV425/Issue 2 Dated 4.1.50. To be read in conjunction with K.1002 ignoring clauses:- 5, 7, 8.1.	SECURITY Specification: RESTRICTED Valve: UNCLASSIFIED

TYPE OF VALVE:- Germanium Crystal for use as second detector.

FREQUENCY RANGE:- Up to 100 Mc/s.

CONSTRUCTION:- To be panclimatic within the temperature range -40°C to +100°C.

PROTOTYPES:- VX4047

MARKING

Each crystal valve shall be marked with the number:- "CV425" and with the polarity which shall be indicated either by a "+" and "-" sign or by marking the positive end red.

DIMENSIONS

The dimensions shall be in accordance with either of the two drawings on page 3.

PACKING

Packing shall be in accordance with K1005/8 except that protection against R.F. fields is not necessary

TESTS

To be applied in addition to those applicable in K1002

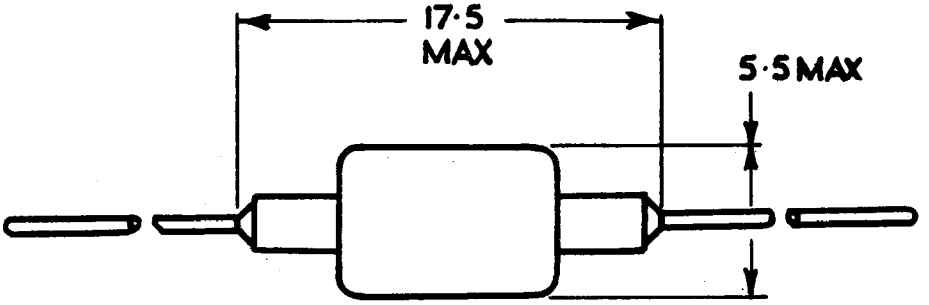
	Applied Voltage	Test	Limits Min.	Limits Max.	No. Tested	Note
a	+ 1 volt	Current (mA)	4	-	100%	1
b	-50 volts	Current (mA)	-	1	100%	1
c	adjust	Turnover Voltage (V)	70	-	T.A.	1
d		Capacitances (pF) 1. end to end	-	0.5	T.A.	
		2. either end to earth with the other end earthed	-	2.5	T.A.	2

NOTES

1. Test to be carried out at a temperature of $20^{\circ} \pm 5^{\circ}C$.
2. Measurement to be made with crystal pressed along an earthed length of right angle metal.

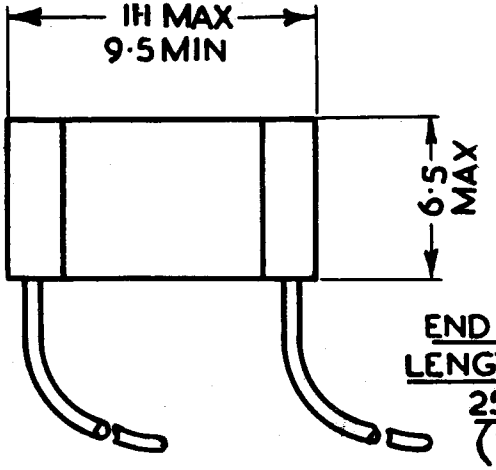
CV 425

OUTLINE No:1.



END WIRES
LENGTH 30 MIN
25 S.W.G.
(TINNED)

OUTLINE No:2.



END WIRES
LENGTH 45 MIN
25 S.W.G.
(TINNED)

ALL DIMENSIONS IN MILLIMETRES.