United Kingdom Atomic Energy Authority (A.E.R.E.)

VALVE ELECTRONIC CV2266

Specification A.E.R.E./CV.2266 Issue 3 Dated 21.3.55. To be read in conjunction with K.1001	SECURITY Specification: UNCLASSIFIED Valve: UNCLASSIFIED

→ Indicates a change

TYPE OF VALVE - Gas filled voltage stabiliser (subminiature)

CATHODE - Cold
ENVELOPE - Glass, unmetallised
PROTOTYPE - CC3L

MARKING

See K1001/4
CV number, Factory and Date code only required. ←

RATING		Notes
Max. Striking Voltage (V)	85	
Max. Anode current (mA)	0.65	
Min. Anode current (mA)	0.05	
Nominal maintaining voltage (V)	60	A

DIMENSIONS AND CONNECTIONS

See Drawing Page 2.

NOTES

A. Measured at a cathode current of 0.5-mA.

CV2266

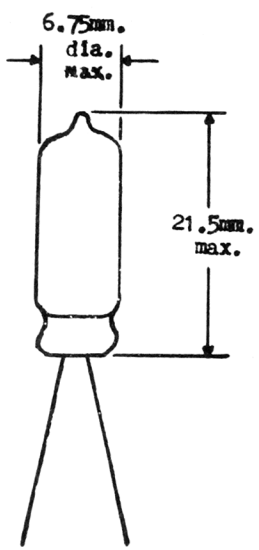
TESTS

TO BE PERFORMED IN ADDITION TO THOSE APPLICABLE IN K1001

	TEST CONDITIONS	TEST	LIMITS Min.	LIMITS Max.	NO. TESTED
a	Increase voltage applied to valve until current flows.	Striking Voltage (V)	-	85	100%
b	Adjust cathode current to 0.5 mA.	Maintaining Voltage (V)	55	65	100%
c	Reduce cathode current from 0.5 mA to 0.3mA	Regulation change in maintaining voltage (V)	-	3	6 per week
d	Adjust cathode current to 0.5 mA.	Illumination see Note 1.	-	-	100%

NOTES

1. Cathode to exhibit at least 5 mm. activated length.



SPACING OF LEADS 1.5 mm. Min.
THE LEADS SHALL BE TINNED
FLEXIBLE 25-29 S.W.G. WIRE,
AT LEAST 15.0 mm. IN LENGTH.