

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	<u>SECURITY</u>	
	<u>Specification</u> UNCLASSIFIED	<u>Valve</u> UNCLASSIFIED

—————→ Indicates a change

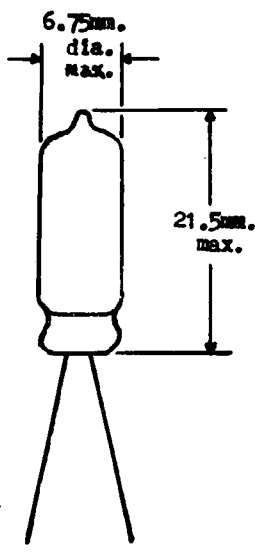
TYPE OF VALVE - Gas filled voltage stabiliser (subminiature) CATHODE - Cold ENVELOPE - Glass, unmetallised PROTOTYPE - CC3L		<u>MARKING</u> See K1001/4 CV number, Factory and Date code only required.	
RATING		Notes	
Max. Striking Voltage (V)	85	A	<u>DIMENSIONS AND CONNECTIONS</u> See Drawing Page 2.
Max. Anode current (mA)	0.65		
Min. Anode current (mA)	0.05		
Nominal maintaining voltage (V)	60		
<u>NOTES</u> A. Measured at a cathode current of 0.5-mA.			

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<u>TESTS</u>					
<u>TO BE PERFORMED IN ADDITION TO THOSE APPLICABLE IN K1001</u>					
	TEST CONDITIONS	TEST	LIMITS		NO. TESTED
			Min.	Max.	
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 TINED
FLEXIBLE 25-29 S.W.G. WIRE,
AT LEAST 15.0 mm. IN LENGTH.

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