

VALVE ELECTRONIC

CV2213

GENERAL POST OFFICE: E-IN-C (S)

Specification: GPO/CV 2213/Issue 4. Dated: April, 1956. To be read in conjunction with K 1001	<u>SECURITY</u>	
	<u>Specification</u> Unclassified	<u>Valve</u> Unclassified

→ indicates a change

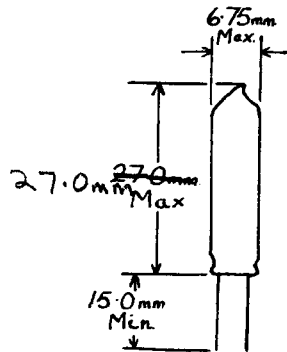
<u>TYPE OF VALVE:</u> Gas filled diode <u>CATHODE:</u> Cold <u>ENVELOPE:</u> Subminiature, Glass <u>PROTOTYPE:</u> NT2.			<u>MARKING</u> See K.1001/4 CV number, T.A. letters, Factory and Date code, only required.	
<u>Rating</u>		<u>Note</u>	<u>Base</u> See drawing on page 2	
Max. striking voltage	(V)	85	<u>DIMENSIONS</u> See drawing on page 2	
Max. anode current	(mA)	1		
Mean voltage drop across valve operating at 0.5mA	(V)	60	<u>CONNEXIONS</u> See drawing on page 2	
Regulation 0.3mA to 0.5mA	(V)	3		

TESTS

To be performed in addition to those applicable in K 1001

	TEST CONDITION	TEST	LIMITS		No. Tested
			MIN	MAX	
(a)	Increase voltage applied to valve until current flows.	Striking Voltage (V)	-	85	100%
(b)	Cathode current adjusted to 0.5mA	Voltage drop across valve (V)	49	65	100%
(c)	Cathode current adjusted to 1.0mA	Illumination see Note 1.	-	-	100%
(d)	With conditions as for Test (b) the Cathode current shall be progressively reduced from 0.5mA to 0.3mA.	Regulation Change in Maintaining Voltage (V)	-	3	6 per week

Note 1. Cathode to exhibit substantially 100% activation



Spacing of leads 1.5 mm Min.
 The leads shall be flexible tinned,
 copper clad nickel iron wire of
 0.34 - 0.48 mm diameter