

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 | <table> <tr> <th colspan="2" data-bbox="647 243 906 299"><u>SECURITY</u></th></tr> <tr> <td data-bbox="647 299 906 411"><u>Specification</u> Unclassified</td><td data-bbox="906 299 1147 411"><u>Valve</u> Unclassified</td></tr> </table> | <u>SECURITY</u> | | <u>Specification</u> Unclassified | <u>Valve</u> Unclassified |
|---|---|-----------------|--|--------------------------------------|------------------------------|
| <u>SECURITY</u> | | | | | |
| <u>Specification</u> Unclassified | <u>Valve</u> Unclassified | | | | |

—→ indicates a change

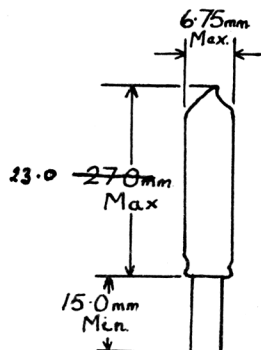
| | | | | |
|--|------|----|--|--|
| <u>TYPE OF VALVE:</u> Gas filled diode | | | <u>MARKING</u> See K.1001/4 CV number, T.A. letters, Factory and Date code, only required. | |
| <u>CATHODE:</u> Cold | | | | |
| <u>ENVELOPE:</u> Subminiature, Glass | | | | |
| <u>PROTOTYPE</u> NT2. | | | | |
| <u>Rating</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. Test- ed |
|-----|---|--|--------|-----|--------------------|
| | | | 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

AMENDMENT NO.1

TO ISSUE NO.4 DATED APRIL, 1956

OF SPECIFICATION VALVE ELECTRONIC CV.2213

Page 2

Reference the drawing at foot of this page.

Amend the dimension now appearing as "27.0 mm Max" to
read "23.0 mm Max".

March, 1958
N.25088R

✓ AAS
T.V.C. for G.P.O.