

|                                                                                               |                                      |                              |
|-----------------------------------------------------------------------------------------------|--------------------------------------|------------------------------|
| Specification MOS(A)/CV2340<br>Issue 1 Dated 18.11.54<br>To be read in conjunction with K1001 | <u>SECURITY</u>                      |                              |
|                                                                                               | <u>Specification</u><br>UNCLASSIFIED | <u>Valve</u><br>UNCLASSIFIED |

|                                     |  |  |                                |  |
|-------------------------------------|--|--|--------------------------------|--|
| TYPE OF VALVE - Voltage Stabiliser  |  |  | <u>MARKING</u>                 |  |
| CATHODE - Cold                      |  |  | See K1001/4                    |  |
| ENVELOPE - Glass                    |  |  |                                |  |
| PROTOTYPE - KD60                    |  |  |                                |  |
| <u>RATING</u>                       |  |  | <u>BASE &amp; CONNECTIONS</u>  |  |
|                                     |  |  | See Drawing on Page 3          |  |
|                                     |  |  | Anode adjacent to locating cap |  |
| <u>Typical Operation Conditions</u> |  |  | <u>END CAPS</u>                |  |
|                                     |  |  | CT1                            |  |
|                                     |  |  | See BS.448 : 1953              |  |
|                                     |  |  | 6/1.1                          |  |
|                                     |  |  | <u>DIMENSIONS</u>              |  |
|                                     |  |  | See Drawing on Page 3          |  |
|                                     |  |  | <u>MOUNTING POSITION</u>       |  |
|                                     |  |  | Any                            |  |

NOTE

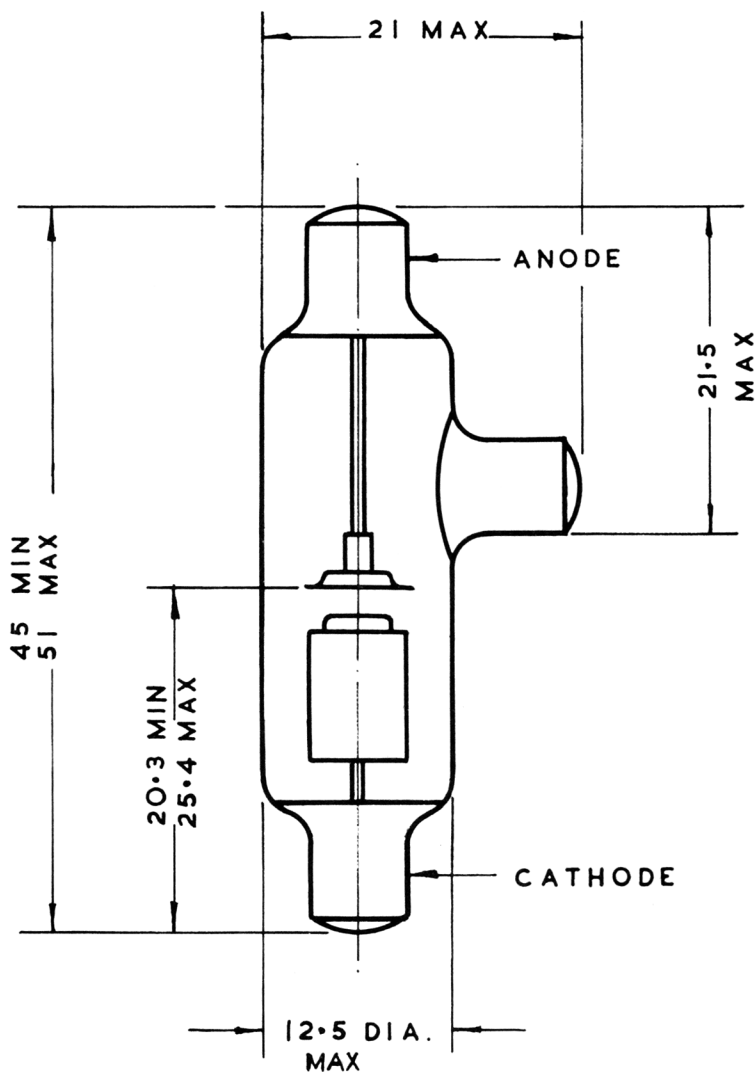
A. All limiting values are absolute.

To be performed in addition to those applicable in K1001

Test Conditions - unless otherwise specified

Supply Voltage      RL  
(ohms)  
Adjust      50k min

| Test |                     | Test Conditions                              | AQL % | Insp. Level | Sym-bol | Limits |      | Units |
|------|---------------------|----------------------------------------------|-------|-------------|---------|--------|------|-------|
|      |                     |                                              |       |             |         | Min.   | Max. |       |
| a    | Striking Voltage    | Supply voltage increased until current flows |       | 100%        | Vs      | --     | 85   | V DC  |
| b    | Maintaining Voltage | Ia = 1.5 mA DC                               |       | 100%        | Vm      | 60     | 64   | V DC  |
| c    | Regulation (1)      | Ia changed from 0.5 to 2.5 mA DC             |       | 100%        | Vr      | -      | 0.8  | V DC  |
| d    | Regulation (2)      | Ia changed from 0.5 to 1.0 mA DC             |       | TA          | Vr      | -      | 0.4  | V DC  |
| e    | Regulation (3)      | Ia changed from 1.0 to 1.2 mA DC             |       | TA          | Vr      | -      | 0.3  | V DC  |



ALL DIMENSIONS IN MM