

# Mullard

## TELEVISION PROJECTION TUBE

# MS11-1

### CATHODE RAY TUBE FOR TELEVISION RECEPTION 4 - Inch Screen.

Heater Vf = 4.0 V  
If = 1.0 A

Capacity Cg = 10.0 uuF

Fluorescent Colour - Green

Deflection - Double Electromagnetic

#### Operating Conditions

|     |         |          |
|-----|---------|----------|
| Va2 | 20,000  | 25,000 V |
| Va1 | 300     | 500 V    |
| -Vg | 0 - 150 | 0-150 V  |

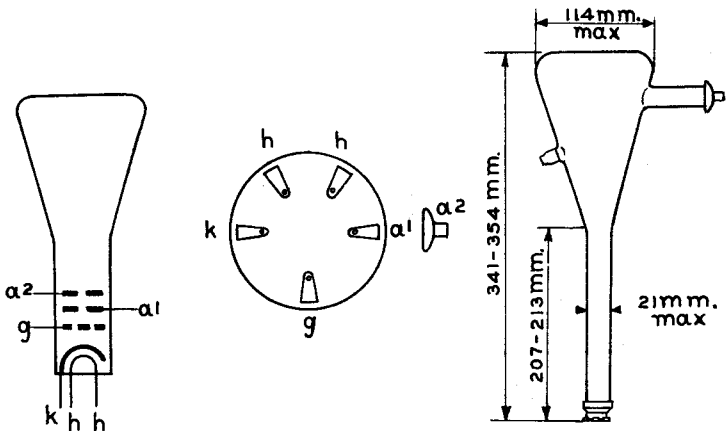
With centre of deflection coils 160 m.m. from the screen, the deflection sensitivity is 0.034L m.m. per gauss.

L = length of the electron path through the field of the deflection coil (m.m.)

#### Limiting Values

|                         |          |
|-------------------------|----------|
| Va2 max .....           | 25,000 V |
| Va1 max .....           | 500 V    |
| Ia2 max (Vg = 0 V)..... | 2.0 mA   |

Arrangement of electrodes and base connections.



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