

## 22M1

## GLOW MODULATOR

## GENERAL

The 22M1 is a Glow Modulator with a cold cathode. It is intended for use as a modulated light source in facsimile equipment.

## RATING

|                              |               |     |    |
|------------------------------|---------------|-----|----|
| Maximum Striking Voltage     |               | 225 | V  |
| Maximum Peak Current         | $I_{pk(max)}$ | 75  | mA |
| Maximum Mean Current         | $I_{av(max)}$ | 35  | mA |
| Maximum Voltage Drop at 30mA |               | 150 | V  |

## DIMENSIONS

|                         |    |    |
|-------------------------|----|----|
| Maximum Overall Length  | 78 | mm |
| Maximum Diameter (base) | 34 | mm |
| Maximum Seated Height   | 64 | mm |

MOUNTING POSITION—*Unrestricted*

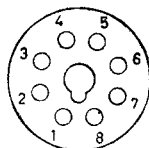
## CHARACTERISTICS

|                                                                                         |      |            |
|-----------------------------------------------------------------------------------------|------|------------|
| Approximate light output at 30mA                                                        | 0.13 | cd         |
| Luminance                                                                               | 60   | cd/sq. in. |
| Average diameter of light area on screen normal to valve axis and 20mm from end of bulb | 25   | mm         |
| Diameter of light source (approx.)                                                      | 1.3  | mm         |

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BASE—International Octal (102)



Viewed from free end of pins.

**CONNECTIONS**

|       |         |    |
|-------|---------|----|
| Pin 1 | No Pin  | NP |
| Pin 2 | No Pin  | NP |
| Pin 3 | Cathode | k  |
| Pin 4 | No Pin  | NP |
| Pin 5 | No Pin  | NP |
| Pin 6 | No Pin  | NP |
| Pin 7 | Anode   | a  |
| Pin 8 | No Pin  | NP |