

Primed Sub-Miniature Reference Tube**GTR150W****Limit Ratings**

Minimum cathode current	500 μ A
Maximum cathode current	2 mA
Minimum anode supply voltage:— (in light or dark)	
with primer not connected	210 V
with primer passing 150 μ A	170 V
Maximum inverse voltage	50 V
Minimum primer supply voltage	175 V

Characteristics

Running voltage at 1mA	145—150 V
Maximum change in running voltage for a current change from 500 μ A to 1.5 mA	3 V
Typical change in running voltage for a current change from 500 μ A to 2 mA	4 V
Primer Running Volts	135 V nominal
Noise	15 mV r.m.s. max.

Recommended Operation

Primer connected via 270k Ω either to anode or to anode supply rail.

Supply volts	> 175 V
Cathode current	1 mA

Life

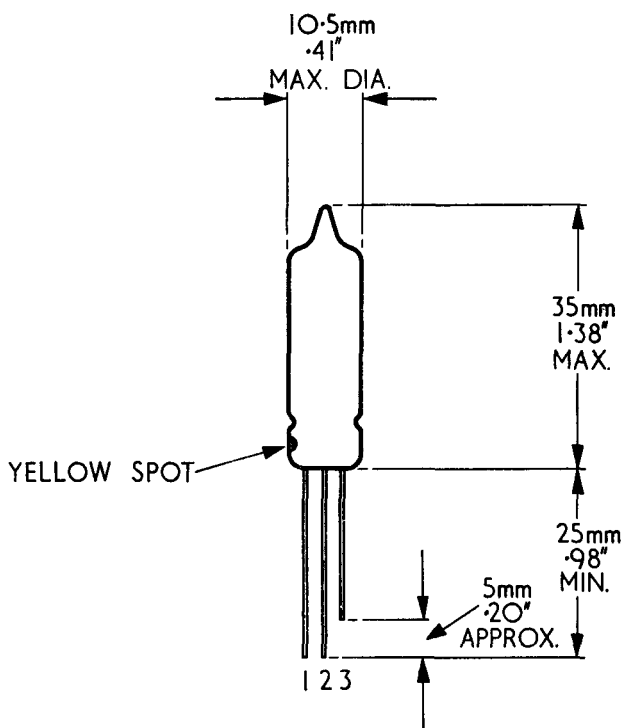
At 1mA, the maximum change in running voltage per 1,000 hours is 1%.



GTR150W**Primed Sub-Miniature Reference Tube****Mechanical Data**

Base 3 flying leads of 0.4 mm (.0157") dia.
tinned copper

Anode lead is indicated by a yellow spot adjacent to the lead-out wire.



1. Anode
2. Cathode
3. Primer