Primed Sub-Miniature Reference Tube GTR150W

Limit Ratings

Minimum cathode current	500μA
Maximum cathode current	2 mA
Minimum anode supply voltage:— (in light or dark)	
with primer not connected	210 V
with primer passing 150μA	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 500μA to 1·5 mA	3 V
Typical change in running voltage for a current change from 500μA to 2 mA	4 V
Primer Running Volts	135 V nominal
Noise	15 mV r.m.s. max.

Recommended Operation

Primer connected via 270kΩ 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%.

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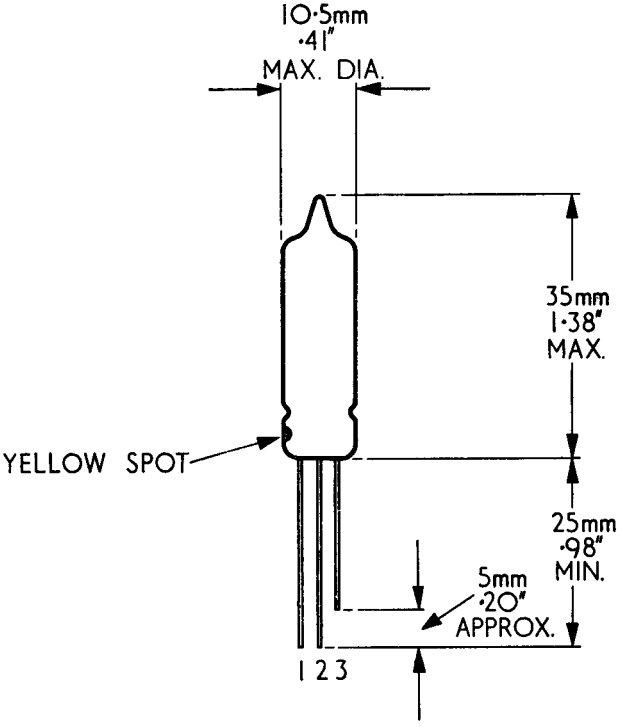
Mechanical Data

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