

Primed Sub-Miniature Reference Tube

GTR83X

Limit Ratings

Minimum anode current	0.5 mA
Maximum anode current	2.5 mA
Minimum anode supply voltage	130 V
Minimum primer supply voltage ($R_p = 390 \text{ k}\Omega$)	150 V

Characteristics

Running voltage at 0.5 mA	82—86 V
*Regulation (0.5 — 2.5 mA)	4.5 V
Jump noise (2.5 — 0.5 mA)	1 mV ptp. max.
Anode takeover voltage (V_p 150 V, R_p 390 $\text{k}\Omega$)	90 V max.

*The tube characteristics are reasonably linear between 0.5 and 2.5 mA providing that the primer is passing at least 150 μA .



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Mechanical Data

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

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

