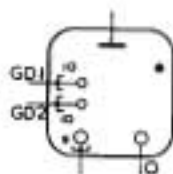


scale-of-ten counters

GC10B & GC10B/S

(Specification for GC10B/S—CV..2271)

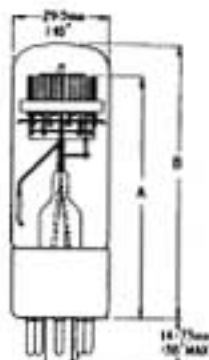


Characteristics

Counting rate :	Sine wave and rectangular pulse drive circuits	0—4000 ppS
Running voltage at 300 μ A	GC10B/S	191 \pm 5 V
	GC10B	191 \pm 6 V

Limit Ratings

Maximum total anode current	550 μ A
Minimum total anode current	250 μ A
Minimum supply voltage, anode to cathode (normal room illumination)	350 V
Maximum potential difference between guides and cathodes	140 V



Recommended Operating Conditions

Anode current	310 μ A \pm 20%
Output cathode load	150 k Ω 100 k Ω
Bias on output cathode	-20 V -20 V
Resultant pulse	40 V 25 V

The required anode current may be obtained from a 475 V supply via an 820 k Ω resistor.

Mounting position Any.
For visual indication the tube is viewed through the dome of the bulb.

Alignment Cathode "O" is lined up with pin No. 6 to an accuracy of \pm 12°.

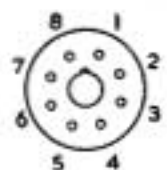
Weight 43 g. (nominal)

Escutcheons N.78211 Bakelite, or N.79368 Brass.

Dimension	Nominal	GC10B		GC10B/S	
		Min.	Max.	Min.	Max.
A	72.5 mm. (2.85")	68.5 mm.	76.5 mm.	69.5 mm.	75.5 mm.
B	85 mm. (3.35")	81.5 mm.	88.5 mm.	82.5 mm.	87.5 mm.

Base : International octal

Base Connections (Underside view)



Pin 1	Common cathodes
2	—
3	1st Guides
4	Anode
5	2nd Guides
6	—
7	Cathode "O"
8	—