

ELECTRON TUBE TYPE

8469

The 8469 is a two electrode gas filled cold cathode tube primarily for use in voltage regulator applications operating in the corona mode.

Maximum Ratings, Absolute Values

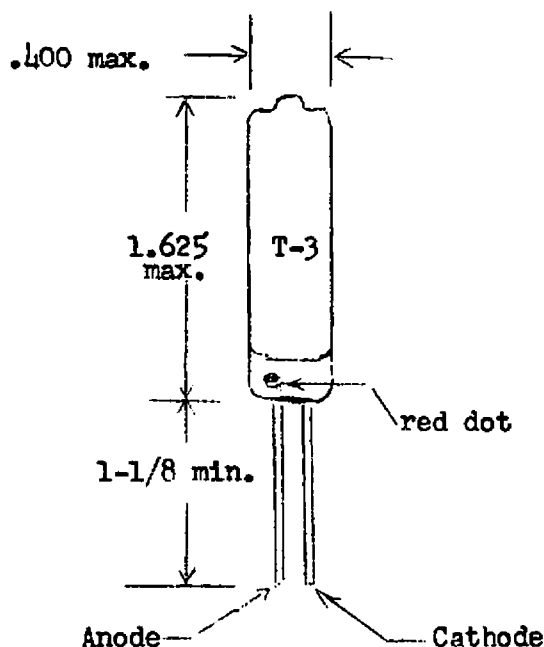
Maximum dc Cathode Current - peak pulse	400	μ a
Minimum dc Cathode Current	5	μ a
Ambient Temperature Limits	-55°C to 125°C	°C
and/or Bulb Temperature Limits		

<u>Electrical Data Throughout Life</u>	<u>Min.</u>	<u>Bogey</u>	<u>Max.</u>	
Anode Voltage Drop at 50 μ a	390	400	410	Volts
Anode Breakdown Voltage (1) in Darkness			440	Volts
(2) in Light			440	Volts
Regulation 5 to 300 μ a			20	Volts
Temperature Coefficient of Voltage Drop (Note 3)		50		mV/°C
-55°C to +125°C Ambient				
Repeatability Notes 1 & 2			5	Volts

Mechanical Data

Mounting Position	any
Net Weight, Maximum	.5 oz.

Outline



Basing

Two Flying leads. Anode marked by red dot.

Note 1: Tube operated at 50 μ a of current at 25°C ambient temperature.

Note 2: Maximum change of Tube Voltage Drop, as measured before and after a seven-day non-operating hold period.

Note 3: Tube operated at 50 μ a.