JOINT ELECTRON TUBE ENGINEERING COUNCIL — J2-C1-5
ELECTRON TUBE TYPE — 3-13-62
8256

The 8256 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

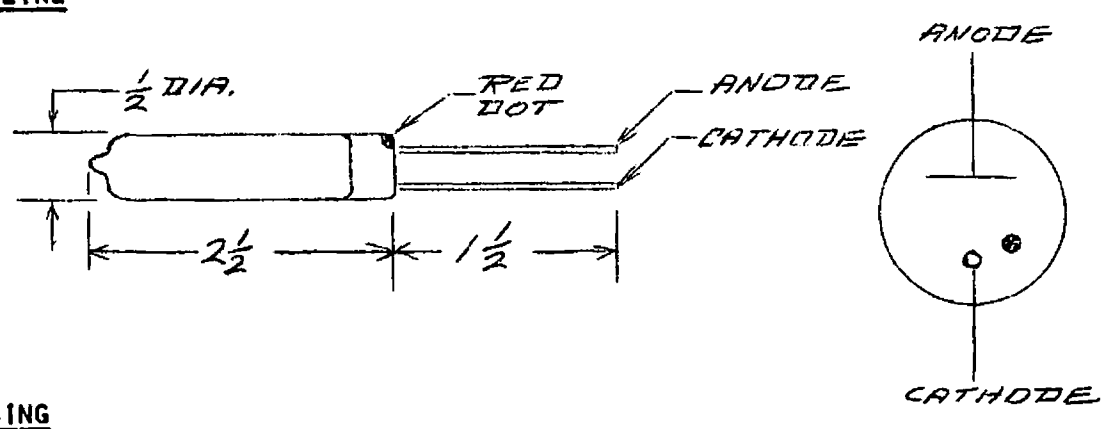
Maximum dc Cathode Current - peak pulse	1900 ua
Minimum dc Cathode Current	35 ua
Ambient Temperature Limits and/or Bulb Temperature Limits	-65 to + 125 °C

ELECTRICAL DATA Throughout Life	Minimum	Bogey	Maximum	
Anode Voltage Drop at 100 ua	3430	3500	3570	Volts
Anode Breakdown Voltage (1) in Darkness			3700	Volts
(2) in Light			3700	Volts
Regulation 35 to 700 ua			100	Volts
*Voltage Jump (Constant current, ___ua)				Volts
Voltage Jump (Current varied, ___to___ua)				Volts
Temperature Coefficient of Voltage Drop (Note 3) -65°C to +125°C Ambient		280		mV/°C
Repeatability Note 1 and 2			20	Volts

MECHANICAL DATA

Mounting Position	any
Net Weight, Maximum	.3

OUTLINE



BASING
RETMA Basing Designation - Lead with red dot - anode
Remaining lead - cathode

Note 1: Tube operated at 100 ua 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 100 ua

*Primarily applicable to voltage reference tube types.