

DATE

REVISIONS

REV

DRAWING NUMBER  
GT-RLSA180D

REV

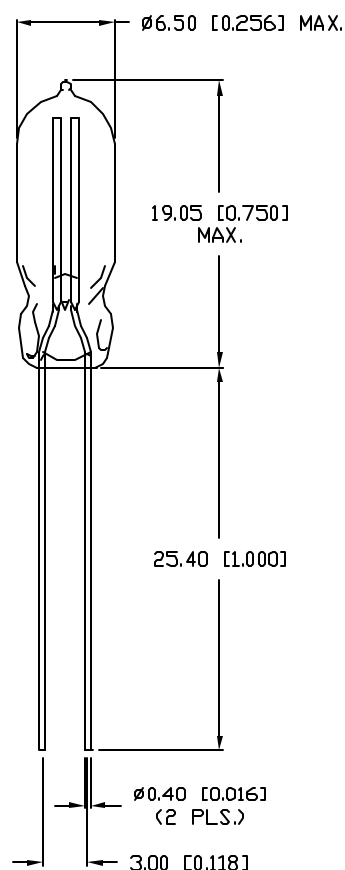
*UNCONTROLLED DOCUMENT*

## ELECTRICAL SPECIFICATIONS

D.C. FIRING VOLTAGE (dv/dt<100μs):	180 VDC
IMPULSE FIRING VOLTAGE (dv/dt=5kv/μs):	800 VDC
PEAK IMPULSE CURRENT (8/20μs FORM):	25 KA
IMPULSE SURGE LIFE (8/20μs 500A):	3000 TIMES MIN.
D.C. HOLDOVER VOLTAGE:	50 VDC
A.C. DISCHARGE CURRENT (1S X 5):	1 AMP
A.C. FOLLOW-ON CURRENT:	1 AMP
INSULATION RESISTANCE (50VDC MIN.):	10 <sup>10</sup> Ω
INTER-ELECTRODE CAPACITANCE:	.5 PF MAX.

## ENVIRONMENTAL SPECIFICATIONS

VIBRATION TESTING	MIL-STD-202 METHODE 204B TEST CONDITION C
THERMAL SHOCK:	MIL-STD-202 METHODE 107 TEST CONDITION B
HUMIDITY:	MIL-STD-202 METHODE 103B TEST CONDITION B
TEMP CYCLING:	MIL-STD-202 METHODE 102A TEST CONDITION C
SOLDERABILITY OF LEADS	MIL-STD-202 METHODE 208 TEST CONDITION B
OPERATION TEMP.	- 40 TO +100 °C

RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

**LUMEX**  
INCORPORATED

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DATE: 3-24-98

DWN:

CHK'D:

APPD:

SCALE: N/A

LIGHT DUTY  
RADIAL LEAD ARRESTOR.

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