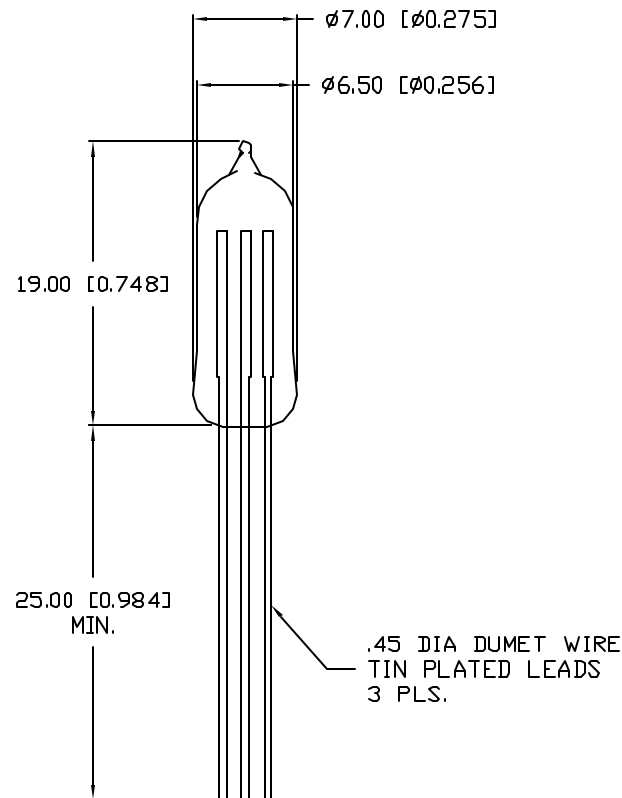


UNCONTROLLED DOCUMENT

PART NUMBER
GT-RLSA3080REV.
A

| REV. | E.C.N. NUMBER AND REVISION COMMENTS | DATE |
|------|-------------------------------------|----------|
| A | E.C.N. #11148. | 12.18.06 |



ELECTRICAL SPECIFICATIONS

| CONDITION | UNITS | RATING |
|------------------------------|------------------|--------------------|
| D.C. FIRING VOLTAGE: | {dv/dt 500V/S} | 80V±15% D.C. |
| IMPULSE CURRENT: | {8/20µS} | 1.5KA MAX. |
| IMPULSE CURRENT SURGE LIFE: | {10/1000µS 500A} | 1000 TIMES MIN. |
| INSULATION RESISTANCE: | {100VDC} | 10 ¹⁰ Ω |
| INTER-ELECTRODE CAPACITANCE: | {1.0 KHz} | 1 PF MAX. |

ENVIRONMENTAL SPECIFICATIONS PER MIL-STD 202

| TEST | METHOD | CONDITION | RATING |
|----------------------|--------|-----------|------------------|
| VIBRATION TESTING: | 204B | C | 10-55Hz, .06DA |
| SHOCK | 213A | C | 100 g |
| HUMIDITY: | 103B | B | 95% Re. HUMIDITY |
| TEMPERATURE CYCLING: | 102A | C | - 65 TO + 125 °C |
| BAROMETRIC PRESSURE: | 105C | B | 50,000 ft. |
| THERMAL SHOCK: | 107 | B | - 65 TO + 125 °C |
| SOLDERABILITY: | 208 | B | |

NOTE:

WHEN THE NEON LAMP IS ENERGIZED IN DARKNESS,
THE STARTING VOLTAGE CAN:
RISE, DELAY THE LIGHT SURGE, OR NOT DISCHARGE.
THEREFORE, THE BRIGHTNESS SHALL BE KEPT HIGHER
THAN 10 LUX.



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*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN.=^{+DECIMAL PRECISION}_{-0.00} MAX.=^{+0.00}_{-DECIMAL PRECISION}

REV.
APART NUMBER
GT-RLSA3080

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LIGHT DUTY ARRESTOR, THREE LEAD (80 VDC)

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.

| | | | |
|-----------------|-------------|--------------|--|
| DRAWN BY: JC | CHECKED BY: | APPROVED BY: | DATE: 12.18.06 PAGE: 1 OF 1 SCALE: N/A |
|-----------------|-------------|--------------|--|

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