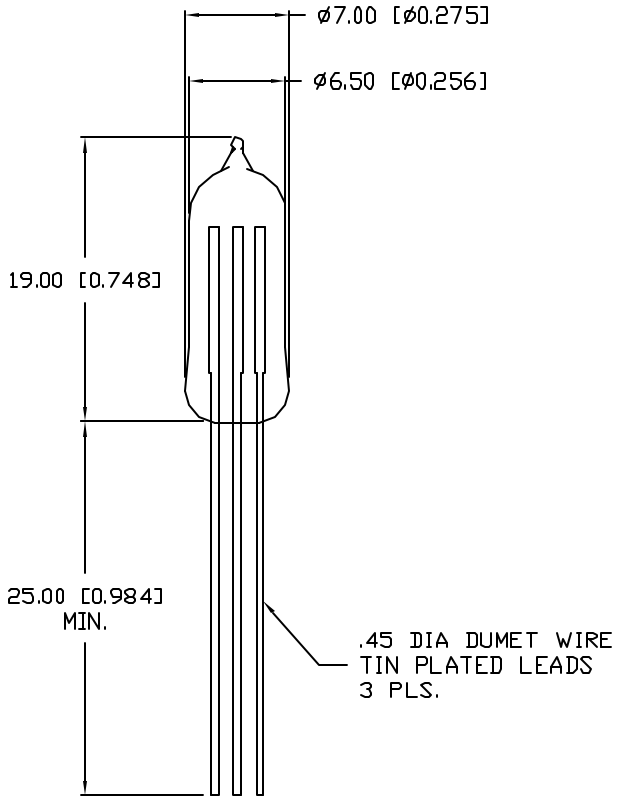
UNCONTROLLED DOCUMENT

PART NUMBER	REV.
GT-RLSA3300	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)	300V±15% D.C.
IMPULSE CURRENT:	(8/20µS)	1.5KA MAX.
IMPUSLE CURRENT SURGE LIFE:	(10/1000µS 500A)	1000 TIMES MIN.
INSULATION RESISTANCE:	(100VDC)	$10^{10}\Omega$
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= $^{\pm\text{DECIMAL PRECISION}}_{-0.00}$ MAX.= $^{+0.00}_{-\text{DECIMAL PRECISION}}$

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LIGHT DUTY ARRESTOR, THREE LEAD (300 VDC)

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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.

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