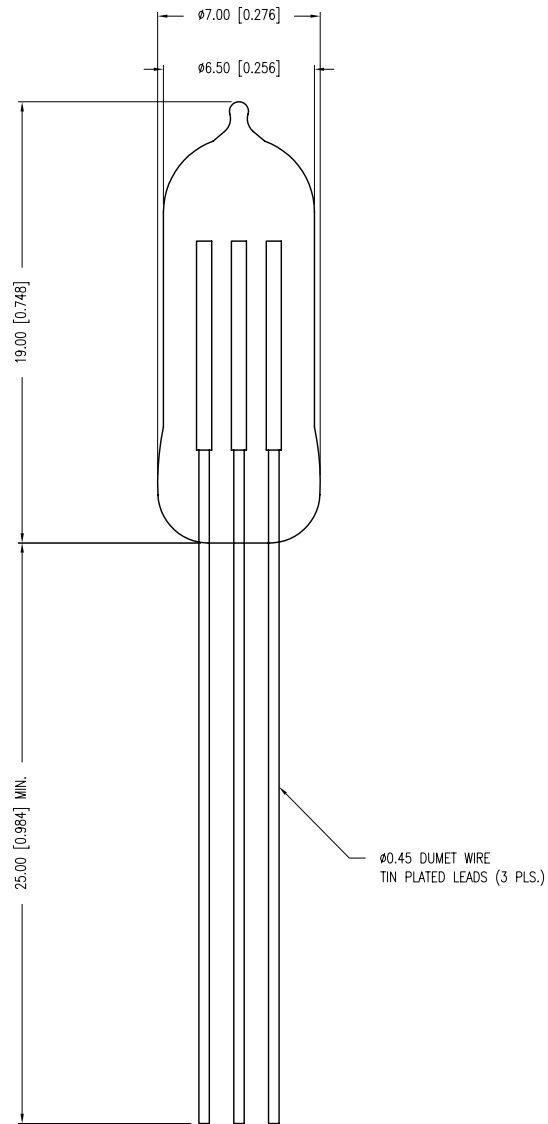


PART NUMBER	GT-RLSA3300	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
12.18.06	E.C.N. #11148.		A



ELECTRICAL SPECIFICATIONS

PARAMETER	UNITS	RATING
DC FIRING VOLTAGE	(dv/dt 500V/s)	300V $\pm$ 15% DC
IMPULSE CURRENT	(8/20 μ s)	1.5KA MAX.
IMPULSE CURRENT SURGE LIFE	(10/1000 μ s 500A)	1000 TIMES MIN.
INSULATION RESISTANCE	(100VDC)	10 $^9\Omega$
INTER-ELECTRODE CAPACITANCE	(1.0kHz)	1 PF MAX.

ENVIRONMENTAL SPECIFICATIONS PER MIL-STD 202

TEST	METHODE	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.

*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= $\begin{smallmatrix} +\text{DECIMAL PRECISION} \\ -0.00 \end{smallmatrix}$ MAX.= $\begin{smallmatrix} +0.00 \\ -\text{DECIMAL PRECISION} \end{smallmatrix}$

UNCONTROLLED DOCUMENT



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
FAX: +1.847.359.6538
WEB: WWW.LUMEX.COM

LIGHT DUTY ARRESTOR, THREE LEAD (300 VDC)

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

CONFIDENTIAL INFORMATION
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

DATE:	12.18.06	DRAWN BY:	JC
PAGE:	1 OF 1	CHKD BY:	BC
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		(Pc)