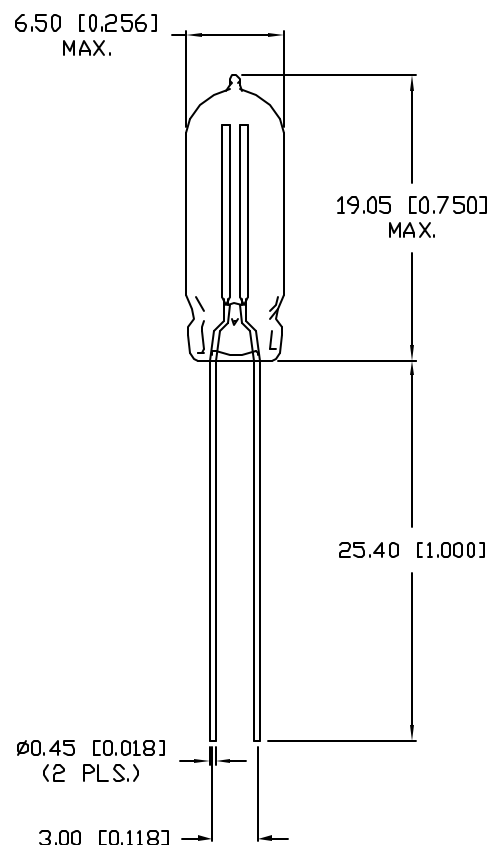


UNCONTROLLED DOCUMENT

PART NUMBER
GT-RLSAE80REV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	12.19.06



ELECTRICAL SPECIFICATIONS

CONDITION	SYMBOL	RATING
D.C. FIRING VOLTAGE:	{dv/dt 100V/S}	80±10% VDC
IMPULSE MAX. FIRING VOLTAGE:	{dv/dt 5KV/μS}	700 VDC
IMPULSE CURRENT (KA):	{8/20μS}	1.5 kA
IMPULSE SURGE LIFE(X):	{8/20μS 500A}	1000 TIMES MIN.
D.C. HOLDOVER VOLTAGE:	{150ms MAX.}	50 V D.C.
A.C. DISCHARGE CURRENT:	{1S X 5 TIMES}	1 AMP
A.C. FOLLOW-ON CURRENT:	{1/2 CYCLE, 60Hz}	1 AMP
INSULATION RESISTANCE(MIN.):	{50VDC}	10 ⁸ Ω
INTER-ELECTRODE CAPACITANCE:	{1.0 KHz}	1.0 PF MAX.

ENVIRONMENTAL SPECIFICATIONS PER MIL-STD 202

TEST	METHOD	CONDITION	RATING
VIBRATION TESTING:	204B	C	C10-55Hz, .06DA
THERMAL SHOCK:	107	B	-65 TO +125°C
HUMIDITY:	103B	B	95% Re. HUMIDITY
TEMP CYCLING:	102A	C	-65 TO +125°C
SOLDERABILITY:	208	B	
OPERATION TEMP.	-	-	-40 TO +100°C

RESPONSE TIME

SURGE TYPE	(Rt MAX.)
1Kv/mS	1 x 10 ⁻⁵ sec.
1Kv/μS	1 x 10 ⁻⁸ sec.
5Kv/μS	1 x 10 ⁻⁹ sec.



*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=+0.00/-0.00 DECIMAL PRECISION MAX.=+0.00/-0.00 DECIMAL PRECISION

REV.
APART NUMBER
GT-RLSAE80

LIGHT DUTY LEAD ARRESTOR, 80 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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JC			PAGE: 1 OF 1
			SCALE: N/A