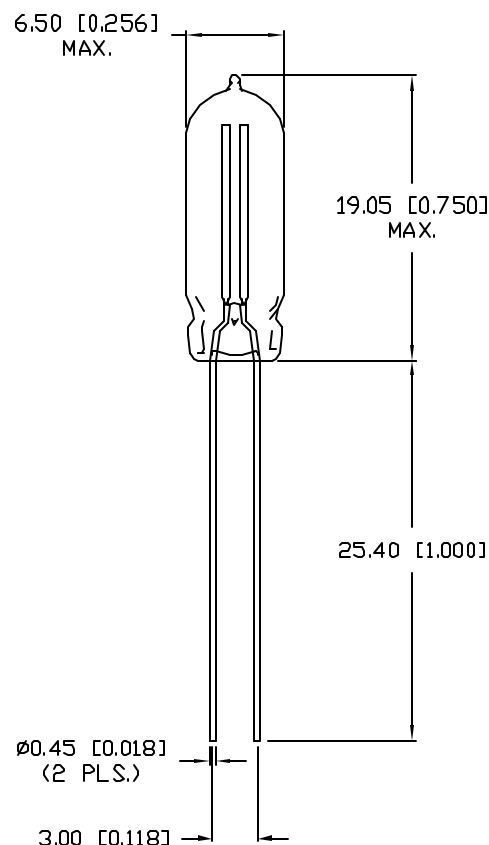


UNCONTROLLED DOCUMENT

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:	$\{dv/dt\ 5KV/\mu S\}$	700 VDC
IMPULSE CURRENT (KA):	$\{8/20\mu S\}$	1.5 kA
IMPULSE SURGE LIFE(X):	$\{8/20\mu S\ 500A\}$	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.):	$\{50VDC\}$	$10^8\ \Omega$
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	$1 \times 10^{-5}\ sec.$
1Kv/ μS	$1 \times 10^{-8}\ sec.$
5Kv/ μS	$1 \times 10^{-9}\ sec.$



*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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DRAWN BY: JC	CHECKED BY:	APPROVED BY:	DATE: 12.19.06 PAGE: 1 OF 1 SCALE: N/A
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