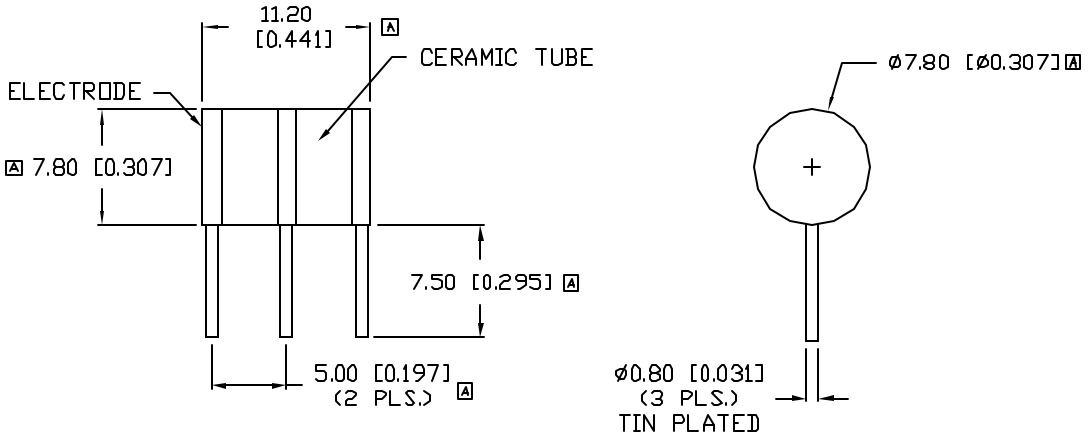
UNCONTROLLED DOCUMENT

PART NUMBER	REV.
GT-CM3145L	A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & 10912.	9.24.02



ELECTRICAL SPECIFICATIONS

PARAMETER	VALUE	TEST CONDITION
D.C. FIRING VOLTAGE:	145V±20% D.C.	(dv/dt 100V/S)
IMPULSE FIRING VOLTAGE:	500V D.C. MAX.	(dv/dt 100V/µS)
IMPULSE CURRENT:	10KA MAX.	(8/20µS)
D.C. HOLDOVER VOLTAGE:	70V D.C. MAX.	(10/1000uS 500A)
A.C. DISCHARGE CURRENT:	65A	(50Hz, 9 CYCLES)
INSULATION RESISTANCE:	10^4 MΩ MIN.	(50 OR 100VDC)
INTER-ELECTRODE CAPACITANCE:	2.0 PF MAX.	1.0kHz

ENVIRONMENTAL SPECIFICATIONS PER MIL-STD 202

TEST	METHODE	CONDITION	RATING
VIBRATION TESTING:	204B	C	10-55HZ,.06DA
SHOCK	213A	C	100G
HUMIDITY:	103B	B	95%RE.HUMIDITY
TEMPERATURE CYCLING:	102A	C	- 65 TO + 125 °C
BAROMETRIC PRESSURE:	105C	B	50,000FT.
THERMAL SHOCK:	107	B	- 65 TO + 125 °C
SOLDERABILITY:	208	B	

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.

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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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T8 x T11 CERAMIC ARRESTOR, 3 LEADED 145V, DC.

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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			SCALE: N/A