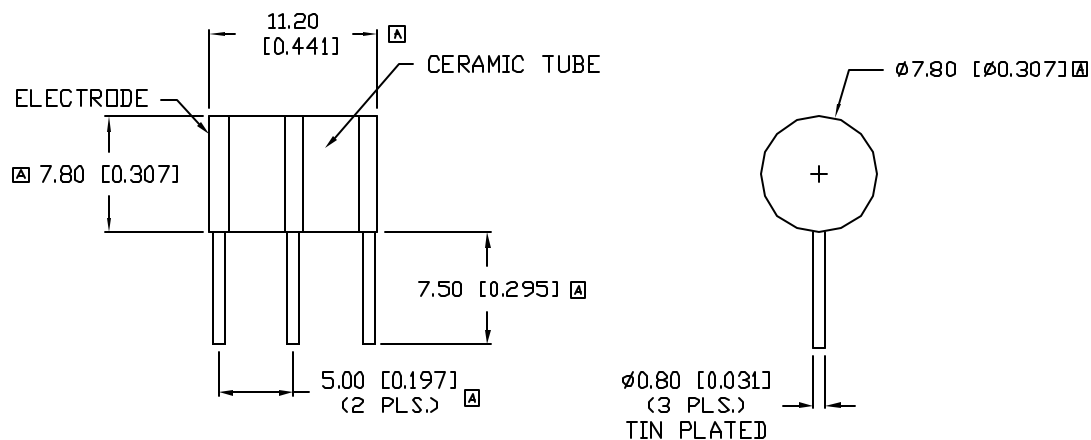


UNCONTROLLED DOCUMENT

PART NUMBER		REV.
GT-CM3145L		B
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & 10912.	9.24.02
B	E.C.N. #11148.	12.11.06



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.	{10/1000μS 500A}
A.C. DISCHARGE CURRENT:	65A	{50Hz, 9 CYCLES}
INSULATION RESISTANCE:	10 <sup>4</sup> 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:	20B	B	

RESPONSE TIME

SURGE TYPE	(Rt MAX.)
1Kv/mS	1 x 10 <sup>-5</sup> sec.
1Kv/μS	1 x 10 <sup>-6</sup> sec.
5Kv/μS	1 x 10 <sup>-9</sup> 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= <sup>+DECIMAL PRECISION</sup> <sub>-0.00</sub> MAX.= <sup>+0.00</sup> <sub>-DECIMAL PRECISION</sub>

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B	GT-CM3145L

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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.

DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 12.11.06
JC			PAGE: 1 OF 1
			SCALE: N/A