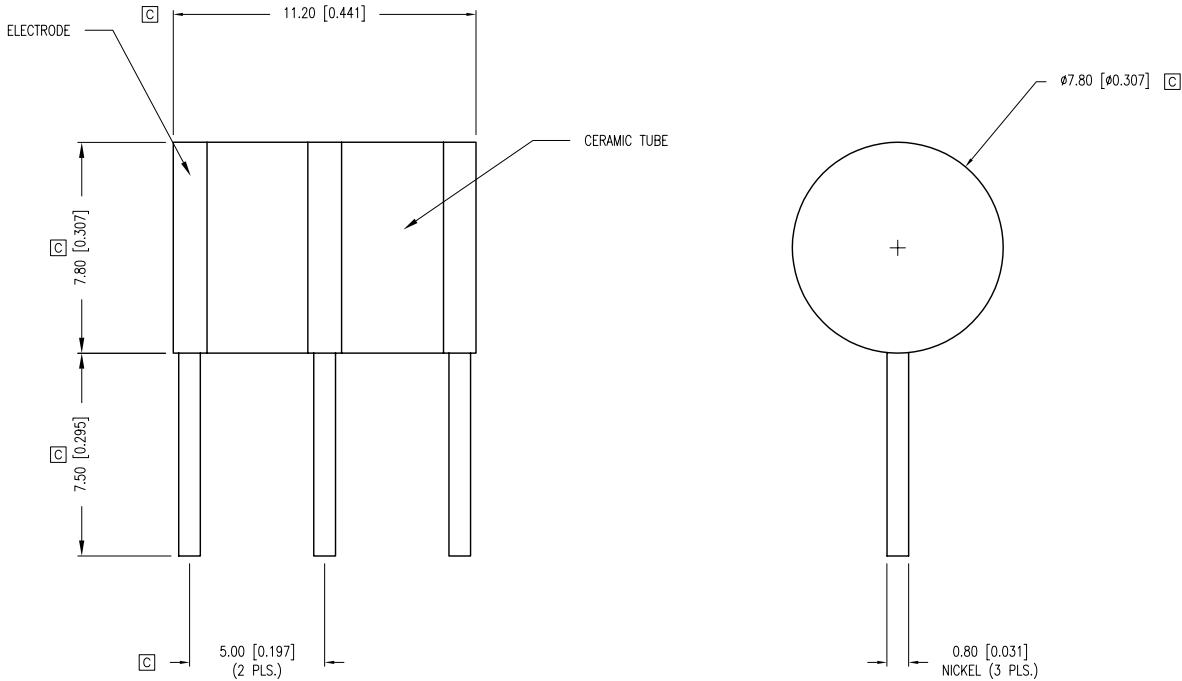


PART NUMBER	GT-CM3090L	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
12.22.95	E.C.N. #10107./		A
08.20.99	E.C.N. #10BRDR. & REDRAWN.		B
09.23.02	E.C.N. #10BRDR. & 10912.		C
12.11.06	E.C.N. #11148.		D



ELECTRICAL SPECIFICATIONS		
PARAMETER	VALUE	TEST CONDITION
DC FIRING VOLTAGE	90V±20% DC	(dv/dt 100V/S)
IMPULSE FIRING VOLTAGE	450V DC MAX.	(dv/dt 100V/μS)
IMPULSE CURRENT	10KA MAX.	(8/20μS)
DC HOLDOVER VOLTAGE	50V DC MAX	(10/1000μS) 500A
AC DISCHARGE CURRENT	65A	(50Hz, 9 CYCLES)
INSULATION RESISTANCE	10 ⁴ MΩ MIN	(50 OR 100VDC)
INTER-ELECTRODE CAPACITANCE	2.D 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	50,000 FT
THERMAL SHOCK	107	B	-65 TO +125°C
SOLDERABILITY	208	B	

RESPONSE TIME	
SURGE TYPE	(Rt MAX)
1Kv/mS	1 x 10 ⁻⁴ SEC
1Kv/μS	1 x 10 ⁻⁶ SEC
5Kv/μS	1 x 10 ⁻⁶ SEC

- NOTES:
1. CENTER TO CENTER LEAD SPACING IS MEASURED AT 1.0mm FROM BOTTOM OF THE CERAMIC BODY.