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Stocking Distributor

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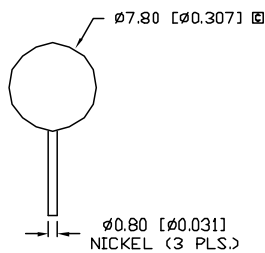
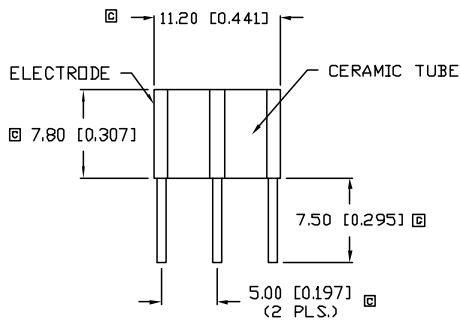
[Lumex, Inc.](#)
[GT-CM3090L](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

UNCONTROLLED DOCUMENT

PART NUMBER			REV.
GT-CM3090L			C
A	E.C.N. #10107./	12-22-95	
B	E.C.N. #10BRDR. & REDRAWN.	8-20-99	
C	E.C.N. #10BRDR. & 10912.	9.23.02	



ELECTRICAL SPECIFICATIONS		
PARAMETER	VALUE	TEST CONDITION
D.C. FIRING VOLTAGE:	90V±20% D.C.	(dv/dt 100V/S)
IMPULSE FIRING VOLTAGE:	450V D.C. MAX.	(dv/dt 100V/μS)
IMPULSE CURRENT:	10KA MAX.	(8/20μS)
D.C. HOLDOVER VOLTAGE:	50V D.C. MAX.	(10/1000μS 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	METHOD	CONDITION	RATING
VIBRATION TESTING:	204B	C	10-55HZ, 0.6G
SHOCK	213A	C	100G
HUMIDITY:	103B	B	95%RH 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	(RL MAX.)
1Kv/mS	1 x 10 ⁻⁵ sec.
1Kv/μS	1 x 10 ⁻⁸ sec.
5Kv/μS	1 x 10 ⁻⁹ sec.

NOTES:

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

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= -0.00 DECIMAL PRECISION MAX= +0.00 DECIMAL PRECISION

UNCONTROLLED DOCUMENT

REV.	PART NUMBER	CONFIDENTIAL INFORMATION	LUMEX	290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw
C	GT-CM3090L	THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.		
T8 x 11 CERAMIC ARRESTOR, 3 LEADED, 90V 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: DU	CHECKED BY: APPROVED BY: DATE: 9.23.02 PAGE: 1 OF 1 SCALE: N/A