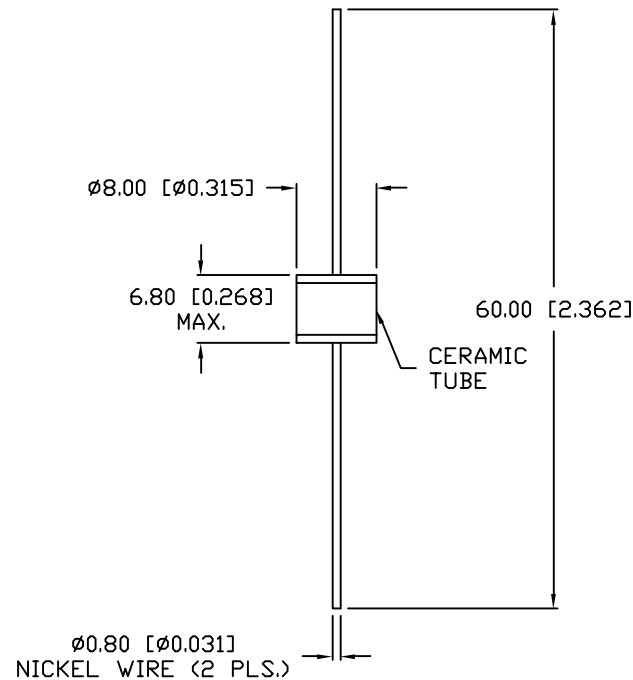


UNCONTROLLED DOCUMENT

PART NUMBER
GT-CM90L

REV.
B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	UPDATED WHERE SPECIFIED	8-13-93
B	E.C.N. #10BRDR & REDRAWN	3-27-00



ELECTRICAL SPECIFICATIONS

PARAMETER	VALUE	TEST CONDITION
D.C. FIRING VOLTAGE:	90V $\pm$ 20% D.C.	(dv/dt 100V/S)
IMPULSE FIRING VOLTAGE:	450V D.C. MAX.	(dv/dt 100V/ μ S)
IMPULSE CURRENT:	10KA MAX.	(8/20 μ S)
D.C. HOLDOVER VOLTAGE:	50V D.C. MAX.	(150mS MAX.)
A.C. DISCHARGE CURRENT:	5A	(1S X 10 TIMES)
INSULATION RESISTANCE:	10 ³ M Ω MIN.	(50 OR 100VDC)
INTER-ELECTRODE CAPACITANCE:	1.0 PF MAX.	1.0kHz

ENVIRONMENTAL SPECIFICATIONS PER MIL-STD 202

TEST	METHODE	CONDITION	RATING
VIBRATION TESTING:	204B	C	10-55Hz, .06DA
SHOCK	213A	C	100 g
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 ⁻⁵ sec.
1Kv/ μ S	1 x 10 ⁻⁸ sec.
5Kv/ μ S	1 x 10 ⁻⁹ sec.

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*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 LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION -0.00 MAX.= +0.00 -DECIMAL PRECISION

REV.
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CERAMIC SURGE PROTECTOR.

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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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SK			PAGE: 1 OF 1 SCALE: N/A