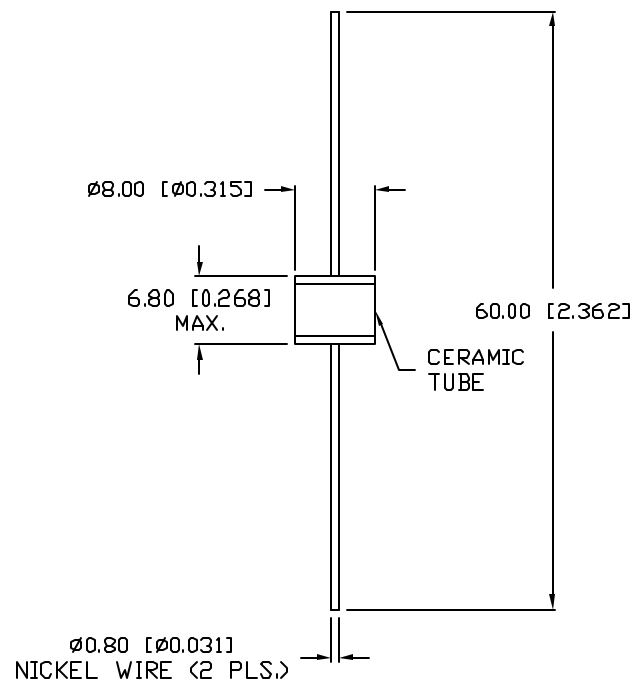


UNCONTROLLED DOCUMENT

PART NUMBER
GT-CM230LREV.
C

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
C	E.C.N. #1114B.	12.11.06



ELECTRICAL SPECIFICATIONS

PARAMETER	VALUE	TEST CONDITION
D.C. FIRING VOLTAGE:	230V±15% D.C.	(dv/dt 100V/S)
IMPULSE FIRING VOLTAGE:	700V D.C. MAX.	(dv/dt 100V/μS)
IMPULSE CURRENT:	10KA MAX.	(8/20μS)
D.C. HOLDOVER VOLTAGE:	145V D.C. MAX.	(150mS MAX.)
A.C. DISCHARGE CURRENT:	10A	(1S X 10 TIMES)
INSULATION RESISTANCE:	10 ³ MΩ 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, .08DA
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/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= -0.00, MAX.= +0.00 DECIMAL PRECISION

REV.
CPART NUMBER
GT-CM230LHEAVY DUTY CERAMIC SURGE PROTECTOR
2 LEADED.

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