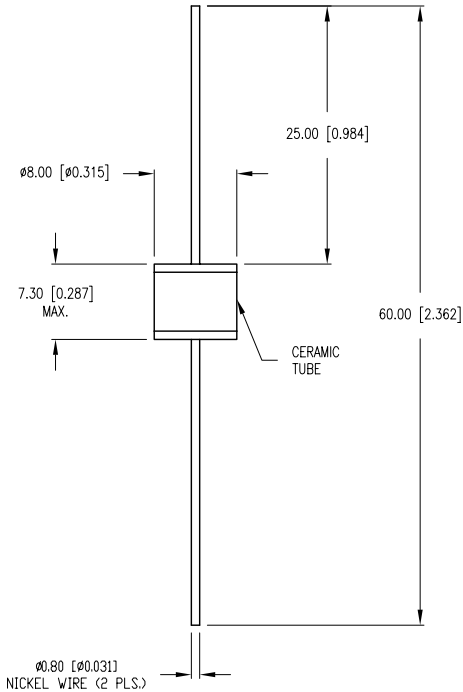


PART NUMBER	GT—CM470L	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
08.13.93	UPDATED WHERE SPECIFIED.		A
03.27.00	E.C.N. #10BRDR. & REDRAWN.		B
12.12.06	E.C.N. #11148.		C
12.27.11	E.C.N. #10BRDR.		D




ELECTRICAL SPECIFICATIONS		
PARAMETER	VALUE	TEST CONDITION
D.C. FIRING VOLTAGE:	470V±15% D.C.	(dv/dt 100V/S)
[A] IMPULSE FIRING VOLTAGE:	800V D.C. MAX.	(dv/dt 100V/μS)
IMPULSE CURRENT:	10KA MAX.	(8/20μS)
D.C. HOLDOVER VOLTAGE:	150V D.C. MAX.	(150mS MAX.)
A.C. DISCHARGE CURRENT:	10A	(1S X 10 TIMES)
INSULATION RESISTANCE:	10 <sup>3</sup> MΩ MIN.	(50 OR 100VDC)
INTER-ELECTRODE CAPACITANCE:	0.5 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 <sup>–5</sup> sec.
1Kv/μS	1 x 10 <sup>–8</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> UNCONTROLLED DOCUMENT



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HEAVY DUTY CERAMIC SURGE PROTECTOR, 2 LEADED.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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DATE: 12.27.11	DRAWN BY: AB
PAGE: 1 OF 1	CHKD BY: JD
SCALE: NTS	APRVD BY: SS
UNIT: mm [INCH]	Ⓟ

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GT-CM470L