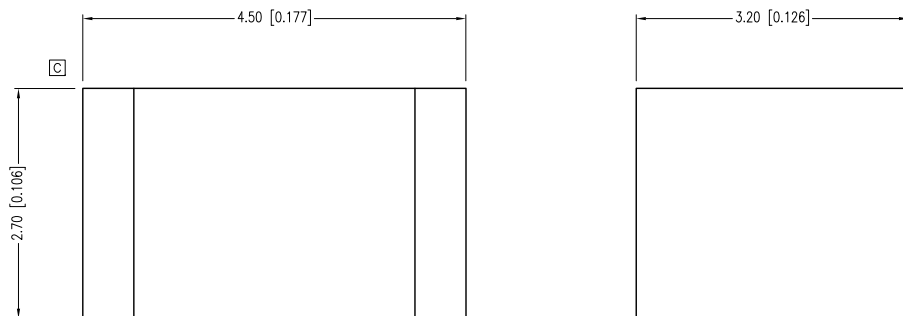


PART NUMBER	GT-SMD181240013-TR	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
12.19.06	E.C.N. #11148.		A
02.24.09	E.C.N. #11622.		B
10.22.12	E.C.N. #11837.		C

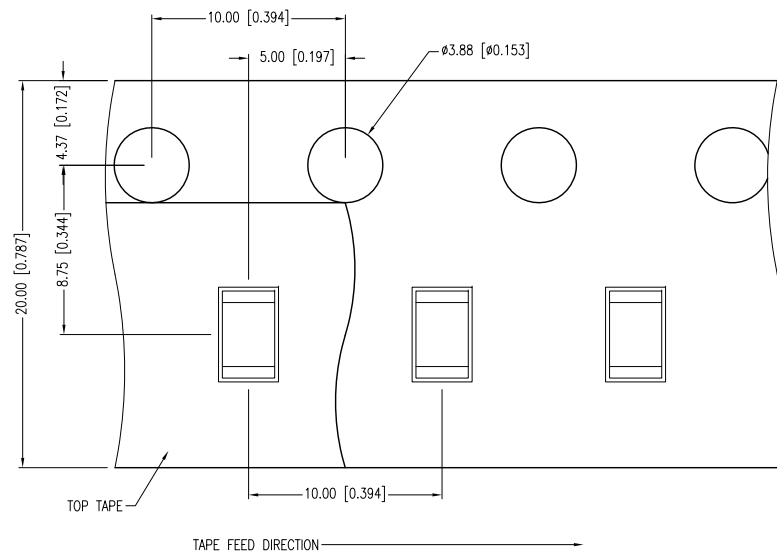


ELECTRICAL SPECIFICATIONS

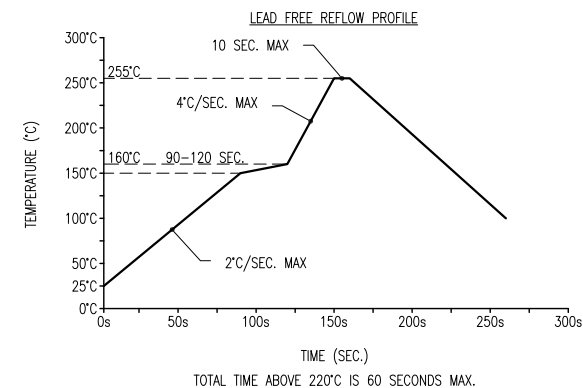
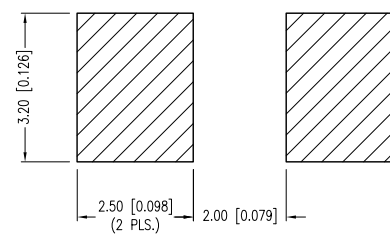
PARAMETER	VALUE	TEST CONDITION
D.C. FIRING VOLTAGE	400V±30% D.C.	(dv/dt 100V/S)
IMPULSE CURRENT	1KA MAX.	(8/20μS)
A.C. DISCHARGE CURRENT	1A MAX.	(50Hz, 9 CYCLES)
INSULATION RESISTANCE	10 ⁴ MΩ MIN.	50V DC
INTER-ELECTRODE CAPACITANCE	1.0 PF MAX.	1.0kHz

ENVIRONMENTAL SPECIFICATIONS PER MIL-STD 202

TEST	METHODE	CONDITION	RATING
VIBRATION TESTING	204B	C	10-55Hz, .06DA
SHOCK	213A	C	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	



RECOMMENDED SOLDER PAD LAYOUT



[B] NOTES:

- 2000 PIECES PER REEL.

*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.= +DECIMAL PRECISION MAX.= +DECIMAL PRECISION -0.00

UNCONTROLLED DOCUMENT

3.2 x 4.5mm SURFACE MOUNT SURGE, ARRESTOR, 400V.

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

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DATE:	10.22.12	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	SS
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		(P6)