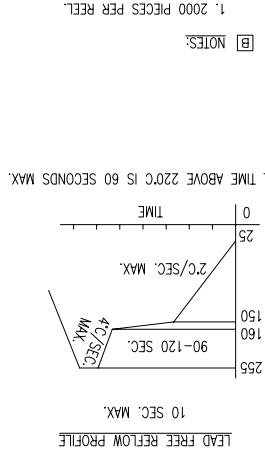
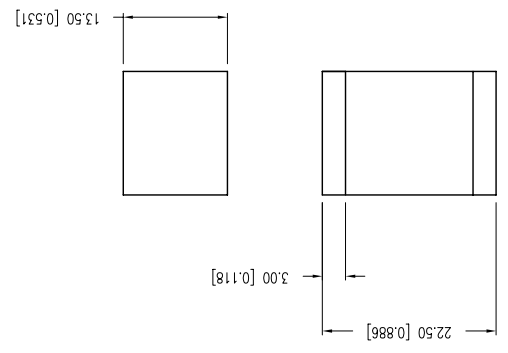
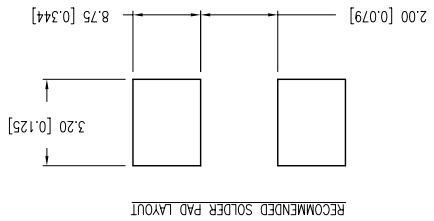
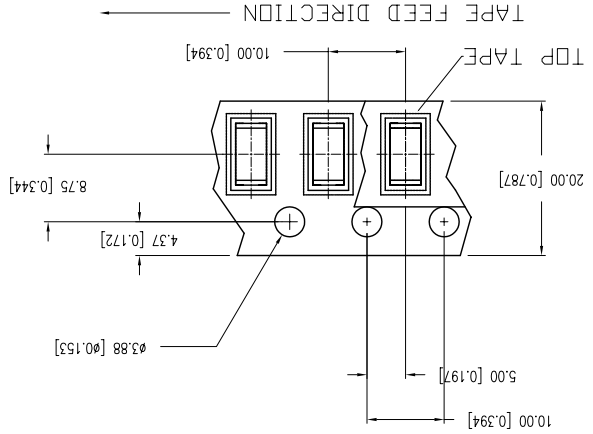


3.2 x 4.5mm SURFACE MOUNT SURGE, ARRESTOR, 150V.
 THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.
 CONFIDENTIAL INFORMATION
 EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL
 KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

DATE: 12.19.06
 DRAWN BY: JN
 PAGE: 1 OF 1
 CHKD BY: KF
 SCALE: N/A
 APRVD BY: SS
 UNIT: mm [INCH]

*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 -DECIMAL PRECISION MAX = +0.00 -DECIMAL PRECISION



ENVIRONMENTAL SPECIFICATIONS PER MIL-STD 202

TEST	METHOD	CONDITION	RATING
VIBRATION TESTING:	204B	10-55HZ, 0.6G	C
SHOCK:	213A	100G	C
HUMIDITY:	103B	95%RH, HUMIDITY	B
TEMPERATURE CYCLING:	102A	- 65 TO + 125 °C	C
BAROMETRIC PRESSURE:	105C	50,000FT.	B
THERMAL SHOCK:	107	- 65 TO + 125 °C	B
SOLDERABILITY:	208		B

ELECTRICAL SPECIFICATIONS

PARAMETER	VALUE	TEST CONDITION
D.C. FIRING VOLTAGE:	150V±20% D.C.	(dv/dt 100V/S)
IMPULSE CURRENT:	2KA MAX.	(8/20µs)
A.C. DISCHARGE CURRENT:	2A	(50Hz, 9 CYCLES)
INSULATION RESISTANCE:	10 ⁴ MΩ MIN.	50 VDC
INTER-ELECTRODE CAPACITANCE:	1.0 PF MAX.	1.0MHz

PART NUMBER	GT-SMD181215022-TR	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		
REV.	A	E.C.N. #11148.	
	B	E.C.N. #11622.	

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