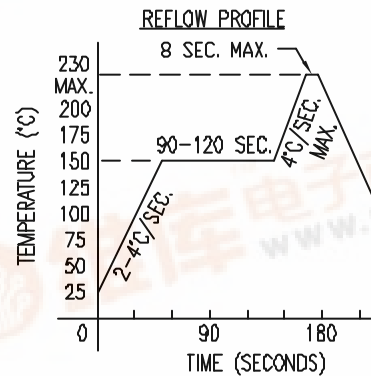
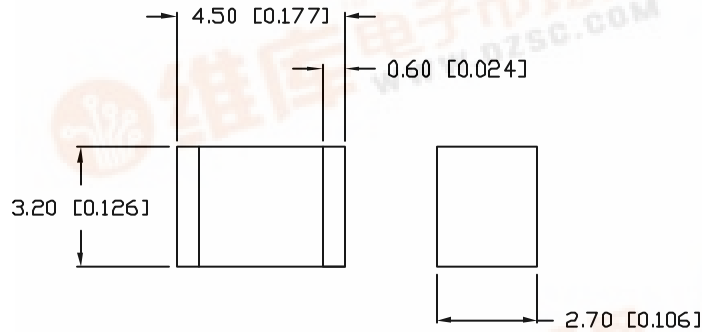


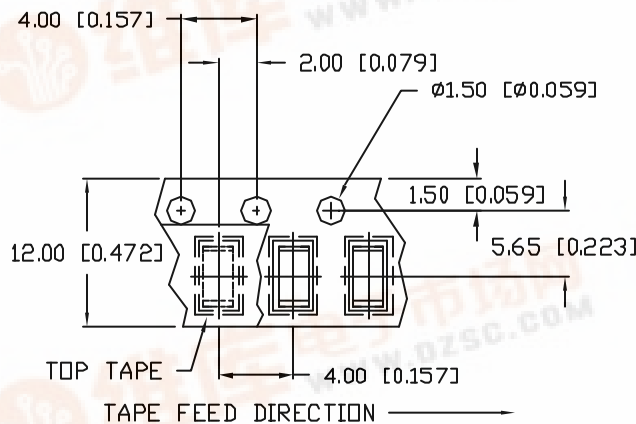
UNCONTROLLED DOCUMENT

PART NUMBER		REV.
GT-SMD181220022-TR		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	12.19.06

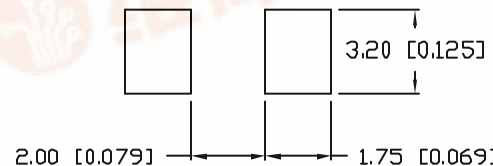


ELECTRICAL SPECIFICATIONS		
PARAMETER	VALUE	TEST CONDITION
D.C. FIRING VOLTAGE:	200V±20% D.C.	(dv/dt 100V/S)
IMPULSE CURRENT:	2KA MAX.	(8/20μS)
A.C. DISCHARGE CURRENT:	2A	(50Hz, 9 CYCLES)
INSULATION RESISTANCE:	10 ⁴ MΩ MIN.	50 VDC
INTER-ELECTRODE CAPACITANCE:	1.0 PF MAX.	1.0kHz

ENVIRONMENTAL SPECIFICATIONS PER MIL-STD 202			
TEST	METHODE	CONDITION	RATING
VIBRATION TESTING:	204B	C	10-55HZ, 0.6DA
SHOCK	213A	C	100G
HUMIDITY:	103B	B	95%RE.HUMIDITY
TEMPERATURE CYCLING:	102A	C	- 65 TO + 125 °C
BAROMETRIC PRESSURE:	105C	B	50,000FT.
THERMAL SHOCK:	107	B	- 65 TO + 125 °C
SOLDERABILITY:	208	B	



RECOMMENDED SOLDER PAD LAYOUT



NOTES:

1. 500 PIECES PER REEL.



UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.038), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=+0.00, -0.00 DECIMAL PRECISION MAX=+0.00, -0.00 DECIMAL PRECISION

PART NUMBER

GT-SMD181220022-TR

3.2 x 4.5mm SURFACE MOUNT SURGE,

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RELIABILITY NOTE
OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT



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DRAWN BY: CHECKED BY: APPROVED BY: DATE: 12.19.06