UNCONTROLLED DOCUMENT

Ø8.20±0.10 [0.323±0.004]

1711 NOWIDER							'\-'
GT-BG90L						Α	
REV.	E.C.N.	NUMBER	AND	REVISION	COMMENTS	DATE	
Α	E.C.N.	#11148.				12.1	11,06

PART NUMBER

26.00±2.00 [1.024±0.079] 6.10±0.30 [0.240±0.012] 0.80 [0.031] TYP.

COPY OBJECTS AND PUT ON REV- LAYER.

ALL LINITS MEET THE RECHIREMENTS OF MILLSTD 202 AS CHITIMED RELOW

ALL UNITS MEET THE	REQUIREMENTS	OF MIL-SID 20	UZ AS DUILINED BELOW
TEST	METHOD	CONDITION	RATING
VIBRATION SHOCK HUMIDITY TEMPERATURE CYCLING BAROMETRIC PRESSURE THERMAL SHOCK SOLDERABILITY	2048 213A 1038 102A 105C 107 208	C C B C B B	10-55Hz .060A 100 g 95% Re. HUMIDITY -65°C TO +125°C 50,000 ft. -65°C TO 125°C

APPLICABLE ENVIRONMENTAL SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

D.C. FIRING VOLTAGE (dv/dt<100v/s):
IMPULSE FIRING VOLTAGE (dv/dt-5kv/us):
PEAK IMPULSE CURRENT (8/20us PULSE): SURGE LIFE:

90V ±20% MAX 1000V 5KA

INSULATION RESISTANCE; INTER-ELECTRODE CAPACITANCE: 10DA 500 TIMES (8/20us) MIN 10⁴ MΩ (DC 50V) MAX 2PF (1KHz)

REV

RESPONSE TIME

SURGE TYPE: (Rt MAX.) 1 X 10⁻⁵ SEC. 1 X 10⁻⁸ SEC. 1 X 10⁻⁹ SEC. 1Kv/ms: 1Kv/us: 5Kv/us:

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*UNIESS OTHERWISE SPECFED 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). MN= +DECIMAL PRECISION MAX = +0.00 (±0.002), XXX=±0.05 (±0.002), XXX=±0.05

REV. PART NUMBER GT-BG90L

AXIAL LEADED, SURGE ARRESTOR, 90 VDC.

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 SCILDERING PROCESS.



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CHECKED BY: APPROVED BY: DATE: 12.11.06 PAGE: 1 OF 1

SCALE:

N/A

JC