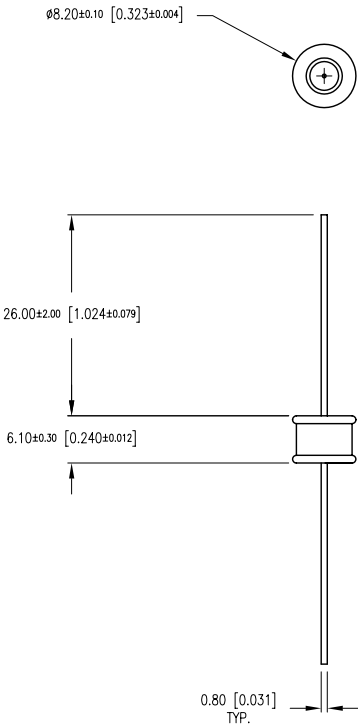


PART NUMBER	GT-BG90L	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
12.11.06	E.C.N. #11148.		A
12.27.11	E.C.N. #10BRDR.		B



RESPONSE TIME

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

APPLICABLE ENVIRONMENTAL SPECIFICATIONS

ALL UNITS MEET THE REQUIREMENTS OF MIL-STD 202 AS OUTLINED BELOW

TEST	METHOD	CONDITION	RATING
VIBRATION	204B	C	10-55Hz .06DA
SHOCK	213A	C	100 g
HUMIDITY	103B	B	95% Re. HUMIDITY
TEMPERATURE CYCLING	102A	C	-65°C TO +125°C
BAROMETRIC PRESSURE	105C	B	50,000 ft.
THERMAL SHOCK	107	B	-65°C TO 125°C
SOLDERABILITY	208	B	—

ELECTRICAL SPECIFICATIONS

D.C. FIRING VOLTAGE (dv/dt<100v/s):	90V ±20%
IMPULSE FIRING VOLTAGE (dv/dt=5kv/us):	MAX 1000V
PEAK IMPULSE CURRENT (8/20us PULSE):	5KA
SURGE LIFE:	100A 500 TIMES (8/20us)
INSULATION RESISTANCE:	MIN 10 M ⁴ (DC 160V)
INTER-ELECTRODE CAPACITANCE:	MAX 2PF (1kHz)

*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}_{-0.00} MAX.= ^{+0.00}_{-DECIMAL PRECISION}

UNCONTROLLED DOCUMENT



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AXIAL LEADED, SURGE ARRESTOR, 90 VDC.

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:	DT
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		Ⓟ