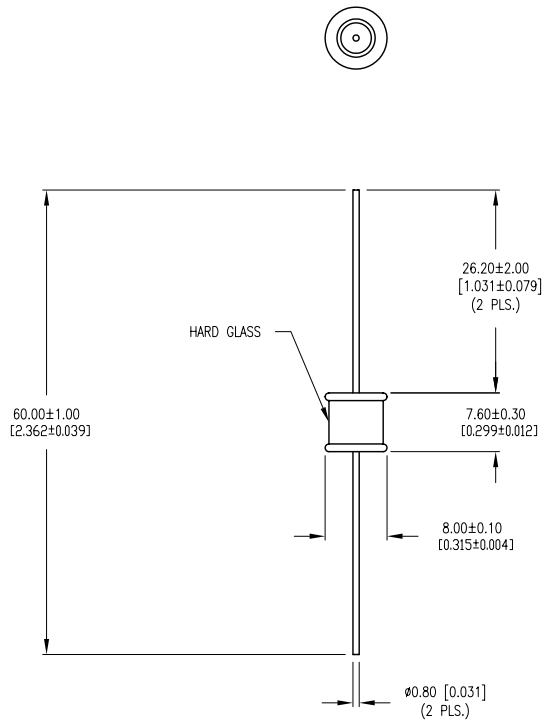


PART NUMBER	GT-BG800L	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
12.11.06	E.C.N. #11148.		A
12.21.11	E.C.N. #10BRDR.		B



ELECTRICAL SPECIFICATIONS

CONDITION	UNITS	RATING
D.C. FIRING VOLTAGE:	(dv/dt 100V/S)	800±15 VDC
IMPULSE MAX. FIRING VOLTAGE:	(dv/dt 5KV/μS)	2500 VDC
IMPULSE CURRENT (KA):	(8/20μS)	5KA MAX.
D.C. HOLDOVER VOLTAGE:	(150mS MAX.)	150V
A.C. DISCHARGE CURRENT:	(1S X 10 TIMES)	5A
IMPULSE CURRENT SURGE LIFE:	(10/1000μS 500A)	-
A.C. FOLLOW-ON CURRENT:	(1/2 CYCLE, 60Hz)	25A
INSULATION RESISTANCE(MIN.):	(50 OR 100VDC)	10 ⁴ Ω
INTER-ELECTRODE CAPACITANCE:	(1.0 KHz)	2.0 PF MAX.

ENVIRONMENTAL SPECIFICATIONS PER MIL-STD 202

TEST	METHODE	CONDITION	RATING
VIBRATION TESTING:	204B	C	10-55Hz, .06DA
SHOCK:	213A	C	100 g
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	

RESPONSE TIME

SURGE TYPE	(Rt MAX.)
1Kv/mS	1 x 10 ⁻⁹ sec.
1Kv/μS	1 x 10 ⁻⁸ sec.
5Kv/μS	1 x 10 ⁻⁹ sec.

*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}



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AXIAL LEADED, SURGE ARRESTOR, 800 VDC.

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

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DATE:	12.21.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	DT
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		Ⓟ