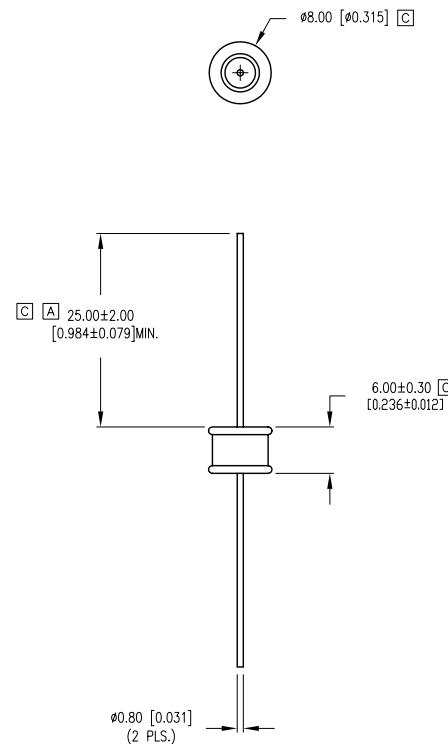


PART NUMBER	GT-BG230L	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
03.27.00	E.C.N. #10431. & #10BRDR. & REDRAWN.	A	
12.11.06	E.C.N. #11148.	B	
11.12.07	E.C.N. #11454.	C	
12.21.11	E.C.N. #10BRDR.	D	



ELECTRICAL SPECIFICATIONS		
PARAMETER	VALUE	TEST CONDITION
D.C. FIRING VOLTAGE:	230V±15%D.C.	(dv/dt 100V/S)
IMPULSE FIRING VOLTAGE:	500V D.C.MAX.	(dv/dt 5KV/μS)
IMPULSE CURRENT:	10KA	(8/20μS)
D.C. HOLDOVER VOLTAGE:	115V D.C.MAX.	(150mS MAX.)
A.C. DISCHARGE CURRENT:	65A	(50Hz X 10 TIMES)
IMPULSE CURRENT SURGE LIFE:	400 TIMES MIN.	(10/1000μS 500A)
INSULATION RESISTANCE:	10 ⁴ Ω MIN.	(50 OR 100VDC)
INTER-ELECTRODE CAPACITANCE:	1.5 PF MAX.	1.0KHZ

ENVIRONMENTAL SPECIFICATIONS PER MIL-STD 202		
TEST	METHODE	CONDITION
VIBRATION TESTING:	204B	C 10-55HZ, 0.06DA
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

RESPONSE TIME		
SURGE TYPE	(Rt. MAX.)	
1kV/mS	1 x 10 ⁻³ sec.	
1kV/μS	1 x 10 ⁻⁸ sec.	
5kV/μS	1 x 10 ⁻⁸ 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= -0.00 MAX= +0.00 DECIMAL PRECISION

UNCONTROLLED DOCUMENT

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