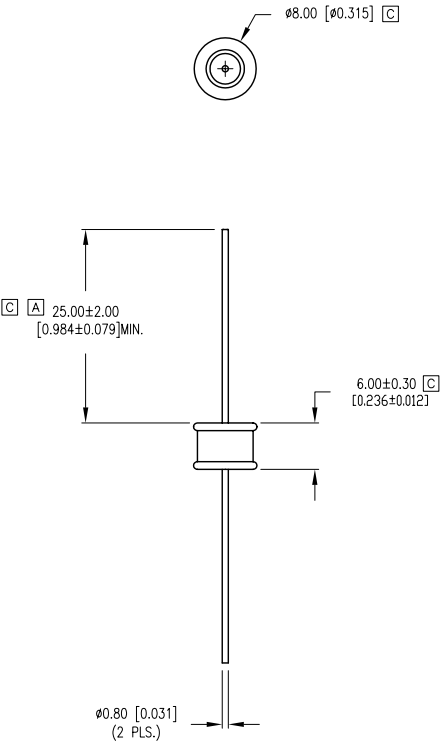


PART NUMBER	GT-BG230L	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
03.27.00	E.C.N. #10431. & #10BRDR. & REDRAWN.		A
12.11.06	E.C.N. #11148.		B
11.12.07	E.C.N. #11454.		C
12.21.11	E.C.N. #10BRDR.		D



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 MΩ MIN.	(50 OR 100VDC)
INTER-ELECTRODE CAPACITANCE:	1.5 PF MAX.	1.0KHZ

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

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GT-BG230L