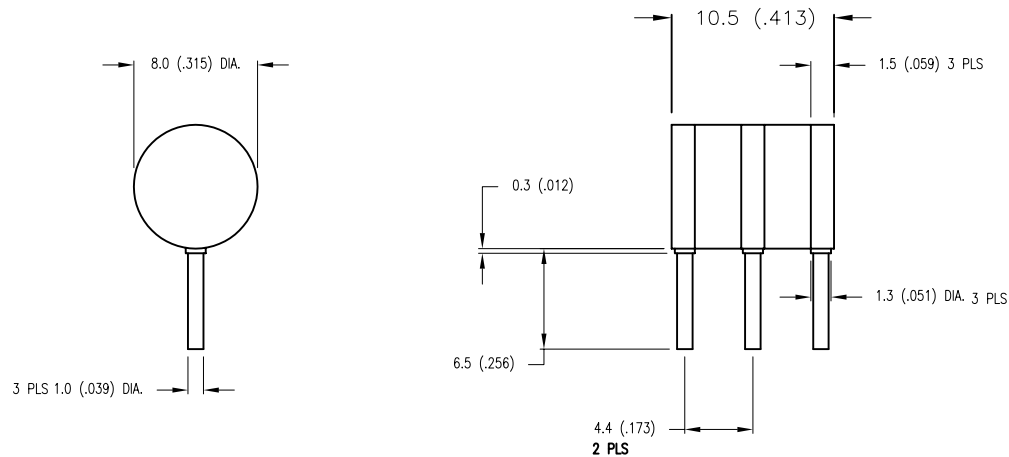


PART NUMBER	GT-BCH3090L	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
12.11.06	E.C.N. #11148.		A
12.21.11	E.C.N. #10BRDR.		B



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<500V/s):	90 VDC ±20%
IMPULSE FIRING VOLTAGE (dv/dt=5kv/us):	450 VDC MAX
IMPULSE CURRENT (8/20us WAVE):	10 KA
(10/50us WAVE):	10 KA
D.C. HOLDOVER VOLTS (10/1000uS 500A)	<60 VDC, <150uS
A.C. DISCHARGE CURRENT (1s X 10):	5 A
A.C. FOLLOW-ON CURRENT:	10
INSULATION RESISTANCE (50VDC MIN):	1 X 10 ⁴ MΩ MIN
INTER-ELECTRODE CAP 1K Hz MAX	1pF MAX

*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



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
FAX: +1.847.359.6538
WEB: WWW.LUMEX.COM

HEAVY DUTY, LEADED, CERAMIC SURGE ARRESTOR.

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

CONFIDENTIAL INFORMATION
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL
KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Lumex:

[GT-BC3090L](#) [GT-BCH3090L](#)