



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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DATE

REVISIONS

REV

DRAWING NUMBER
GT-BG90L

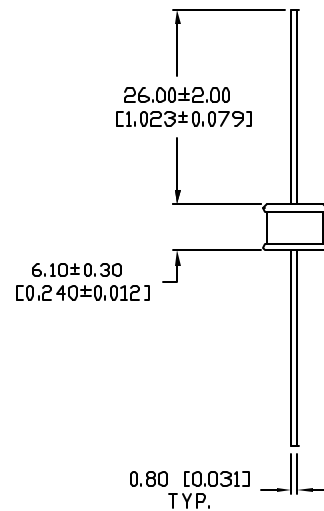
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ELECTRICAL SPECIFICATIONS

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 ⁴ MΩ (DC 50V)
INTER-ELECTRODE CAPACITANCE:	MAX 2PF (1KHz)

∅8.20±0.10
[∅0.323±0.004]



RESPONSE TIME

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

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	—

RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

LUMEX
INCORPORATED

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DATE:	3-9-98	DWN:	CHK'D:	APPD:
SCALE:	N/A			

AXIAL LEADED, SURGE ARRESTOR, 90 VDC.

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UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±.25mm (±0.010")

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