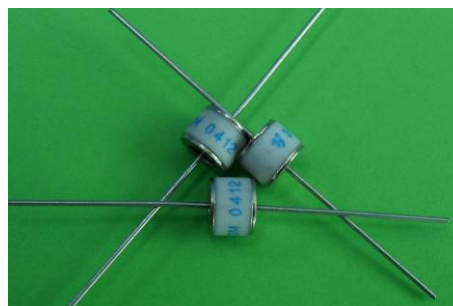


# GDT Product Specification

**LT-B8G\*\*\*L DIP Gas Discharge Tube 8×6mm)**


## 1、FEATURES

- 2-Electrode DIP Design UL Certificated E232249
- High Current Handling Capability 10,000A @ 8/20μs
- Low Capacitance and Insertion Loss
- Fast Response and Long Service Life
- Reliable to Protect Electrostatic Surge
- Moisture sensitivity level: Level 1



## 2、AVAILABLE PART NUMBER AND ELECTRICAL PARAMETER @ T=25°C RH = 45%-75%

Part Number	DC Breakdown Voltage①	Tolerance of Vs	Impulse Spark-over Voltage	Impulse Discharge Current②	Insulation Resistance		C③ (1MHz)
	100V/s④		1kV/μs④	8/20μs	GΩ	DC	0.3V <sub>DC</sub>
LT-B8G070L	70V	±25%	≤650V	10,000A	≥1	25V	≤1.5pF
LT-B8G090L	90V	±25%	≤650V	10,000A	≥1	50V	≤1.5pF
LT-B8G150L	150V	±25%	≤ 600V	10,000A	≥1	50V	≤1.5pF
LT-B8G230L	230V	±20%	≤ 550V	10,000A	≥1	100V	≤1.5pF
LT-B8G350L	350V	±20%	≤ 750V	10,000A	≥1	100V	≤1.5pF
LT-B8G420L	420V	±20%	≤ 800V	10,000A	≥1	100V	≤1.5pF
LT-B8G470L	470V	±20%	≤ 850V	10,000A	≥1	250V	≤1.5pF
LT-B8G600L	600V	±20%	≤ 950V	10,000A	≥1	250V	≤1.5pF
LT-B8G800L	800V	±20%	≤ 1400V	10,000A	≥1	250V	≤1.5pF

- ①、The parameters of all are tested by ITU-T K12
- ②、Total Impulse Discharge Current 10,000A @ 8/20μs by IEC 61000-4-5, 10 shots
- ③、The capacitance are tested by 1MHz @ DC= 0.3V
- ④、The V-T waveform of DCBV and IPBV must lie between the shades.

## 3、PART NUMBERING SYSTEM

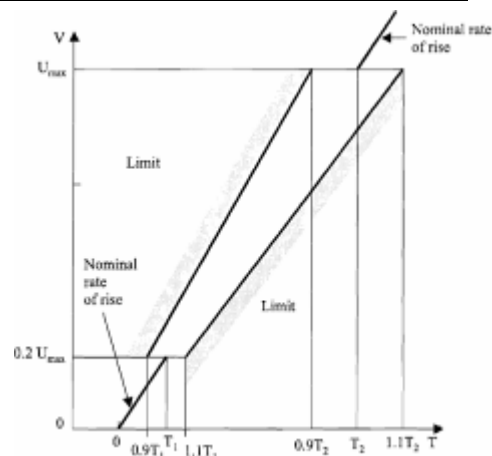
**B8G**      **XXX**      **L**  
 (1)      (2)      (3)

(1) 2-Electrod DIP Gas Discharge Tube :

- ①、5G-Φ5.5×6 (mm)
- ②、8G-Φ8×6 (mm)

(2) DC Breakdown Voltage, e.g., 070=70V

(3) Surge Rating @8/20μs, L=5KA, M=20KA, H=20KA



## 4、MARKING DIMENSIONS AND RECOMMENDED FLOW

Surface Mark :

070L-Part Number

0401-Production Date

04:Year 2004

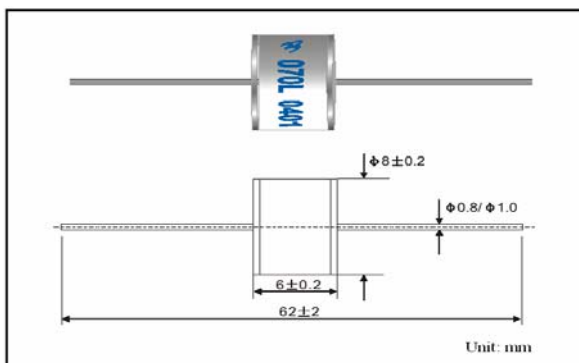
01:Month 1/January

# GDT Product Specification

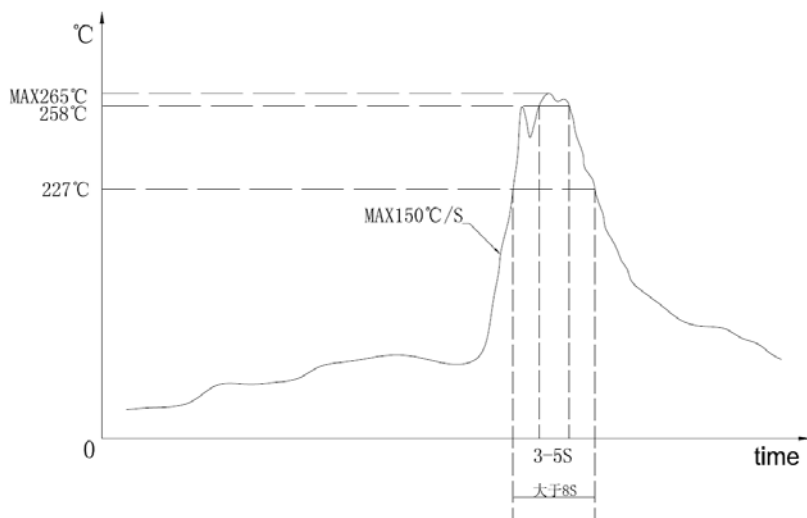
## LT-B8G\*\*\*L DIP Gas Discharge Tube (φ8×6mm)



Dimensions (unit :mm)



Recommended Flow



5、 OPERATION AND STORAGE TEMPERATURE: -40°C ~ +85°C

### 6、 PACKAGE BOX INFORMATION

OUTLINE	UNIT WEIGHT (g)	BOX/REEL (PCS)	INSIDE CARTON (PCS)	PER CARTON (PCS)	CARTON SIZE(mm)		
					L	W	H
BOX	~1.4	100	1,000	6,000	395	370	225

Remark:

### Special Notes