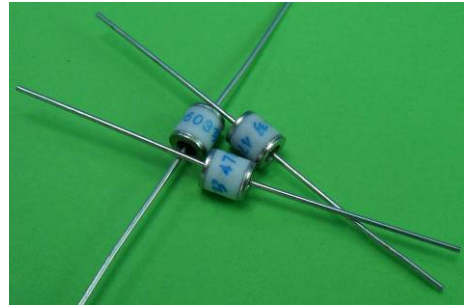


LG2R5***L DIP Gas Discharge Tube (Φ 5.5×6mm)



1、FEATURES

- 2-Electrode DIP Design UL Certificated E232249
- High Current Handling Capability 5,000A @ 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 Voltage ^①	Tolerance of Vs	Impulse Spark-over Voltage	Impulse Discharge Current ^②	Insulation Resistance		C ^③ (1MHz)
	100V/s ^④		1kV/μs ^④	8/20μs	GΩ	DC	0.3V _{DC}
LG2R5-070L	70V	±25%	≤650V	5,000A	≥1	25V	≤1pF
LG2R5-090L	90V	±25%	≤650V	5,000A	≥1	50V	≤1pF
LG2R5-150L	150V	±25%	≤ 600V	5,000A	≥1	50V	≤1pF
LG2R5-200L	200V	±20%	≤ 550V	5,000A	≥1	100V	≤1pF
LG2R5-230L	230V	±20%	≤ 550V	5,000A	≥1	100V	≤1pF
LG2R5-300L	300V	±20%	≤ 700V	5,000A	≥1	100V	≤1pF
LG2R5-350L	350V	±20%	≤ 750V	5,000A	≥1	100V	≤1pF
LG2R5-420L	420V	±20%	≤ 800V	5,000A	≥1	100V	≤1pF
LG2R5-470L	470V	±20%	≤ 850V	5,000A	≥1	100V	≤1pF
LG2R5-600L	600V	±20%	≤ 950V	5,000A	≥1	100V	≤1pF
LG2R5-800L	800V	±20%	≤ 1200V	5,000A	≥1	100V	≤1pF

- ①、The parameters of all are tested by ITU-T K12
- ②、Total Impulse Discharge Current 5,000A @ 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

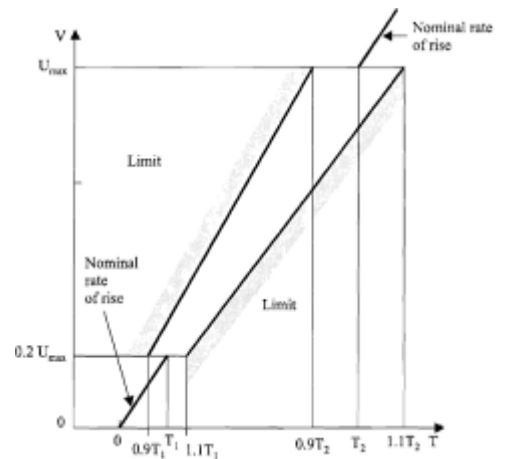
LG2R5 XXX L
 (1) (2) (3)

(1) LAN 2-Electrod DIP Gas Discharge Tube :

- ①、R5-Φ5.5×6 (mm)
- ②、R8-Φ8×6 (mm)

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

(3) Surge Rating @8/20μs, L=5KA



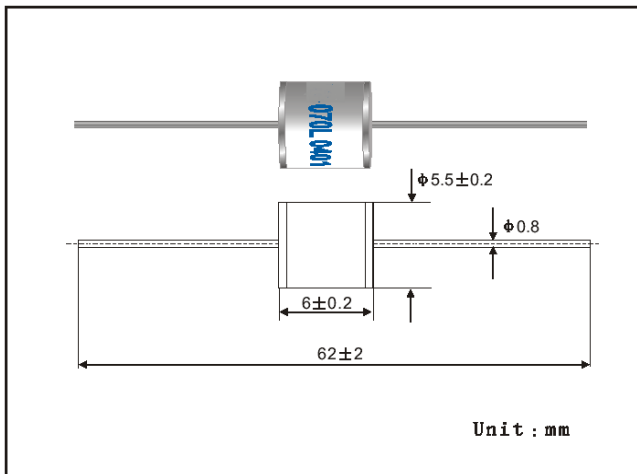
LG2R5***L DIP Gas Discharge Tube (Φ 5.5×6mm)



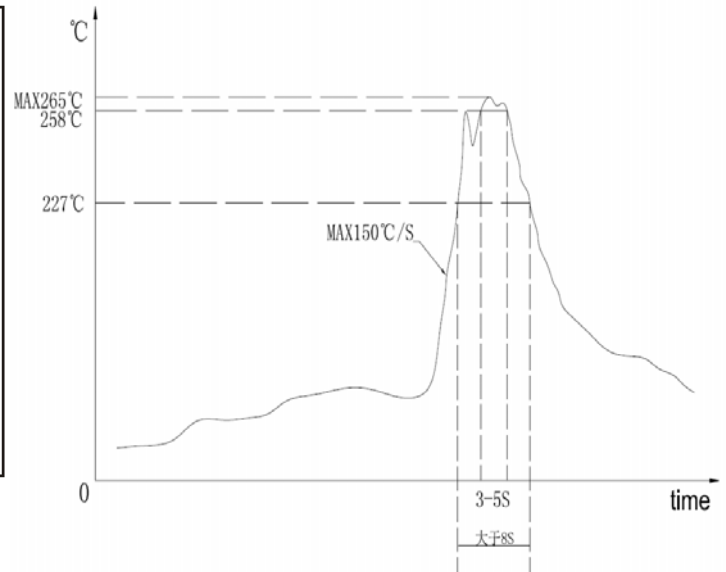
4、DIMENSIONS MARKING AND RECOMMENDED FLOW

Dimensions

Recommended Flow



Surface Mark



5、OPERATION AND STORAGE TEMPERATURE: -40℃ ~ +125℃

6、PACKAGE BOX INFORMATION

OUTLINE	UNIT WEIGHT (g)	BOX/REEL (PCS)	INSIDE CARTON (PCS)	PER CARTON (PCS)	CARTON SIZE(mm)		
					L	W	H
BOX	~0.75	100	1,000	6,000	385	355	220
TAPING		1,000	—	6,000	480	350	360

Remark:

- Delete the high-voltage(from DCBV 1000v to 5500v) product section.