PG2E3T Series

Gas Discharge Tube

Description

Prisemi GDT's are designed for a high degree of surge protection at a low cost. It operates on the gas physical principle of the highly effective arc discharge. The PG2E3T Series is used for protecting equipment for which higher voltage limits and holdover voltages are necessary. Com-gaps function as switches which dissipate a mini-mum amount of energy and therefore handle currents that far surpass other types of transient voltage protection.

Features

- Small size
- Very fast response time
- Suitable for direct strikes
- Stable performance over life
- Very low capacitance
- High insulation resistance

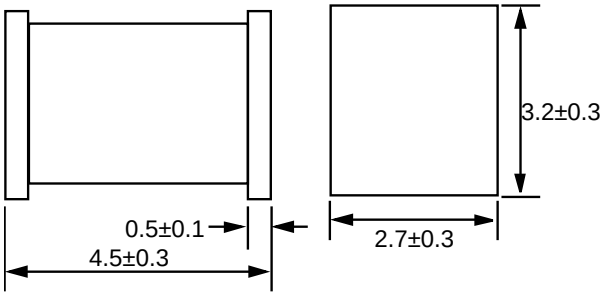
Application

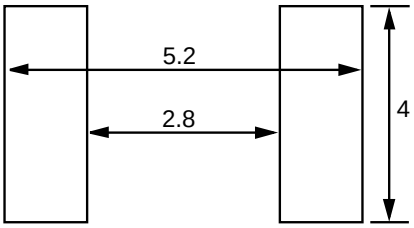
- Communication lines
- CATV equipment
- Test equipment
- Data lines, power supply
- Base station
- Medical electronics

PG2E3TSeries SMD :1812-Performance Specification

Model	DC Spark Over Voltage (V)	Impulse Spark Over Voltage (V)	Impulse Discharge Current (KA)	AC Discharge Current (A)	Capacitance (Pf)	Insulation Resistance	
	100V/S	1KV/us	@8/20us 10hits	50HZ / 1s 5hits	@1MHZ	GΩ	DC(V)
PG2E3T90V2K	90	≤600	2.5	2	<1.5	≥1	25
PG2E3T150V2K	150	≤600	2.5	2	<1.5	≥1	50
PG2E3T230V2K	230	≤700	2.5	2	<1.0	≥1	50
PG2E3T350V2K	350	≤800	2.5	2	<1.0	≥1	100
PG2E3T470V2K	470	≤800	2.5	2	<1.0	≥1	100
PG2E3T600V2K	600	≤900	2.5	2	<1.0	≥1	250

Product dimension





Unit:mm

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