

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

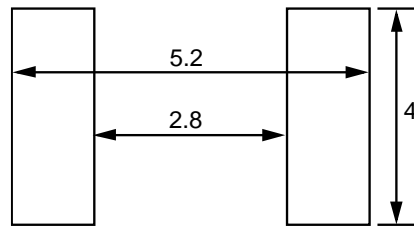
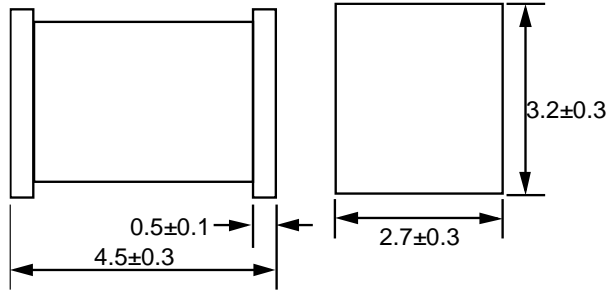
Application

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

Specifications (@25°C)


Type	DC Spark Over Voltage (V)	Impulse Spark Over Voltage (V)	Impulse Discharge Current (A)	Impulse Discharge Current (kA)	AC Discharge Current	Holdover Voltage (V)	Insulation Resistance (Ω)	Capacitance (pF)
	100V/s	1KV/μs	10/1000μs 300Hits	8/20μs 10Hits	50Hz 1s 5Hits			@ 1MHz
PG2E3T75V2K	75±25%	≤600	20	2	2	/	≥10 ¹⁰	<1.5
PG2E3T90V2K	90±20%	≤600	20	2	2	/	≥10 ¹⁰	<1.5
PG2E3T150V2K	150±20%	≤700	20	2	2	80	≥10 ¹⁰	<1.0
PG2E3T230V2K	230 ⁺³⁰ ₋₄₀	≤800	20	2	2	135	≥10 ¹⁰	<1.0
PG2E3T350V2K	350±20%	≤800	20	2	2	135	≥10 ¹⁰	<1.0
PG2E3T470V2K	470±20%	≤900	20	2	2	135	≥10 ¹⁰	<1.0
PG2E3T600V2K	600±20%	≤1200	20	2	2	135	≥10 ¹⁰	<1.0
Parameter			Value			Unit		
Operating Junction Temperature Range			-40~85			°C		

Product dimension(4.5*3.2*2.7)



Unit:mm


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