

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 PG2E8SSxxV10K is used for protecting equipment for which higher voltage limits and holdover voltages are necessary. Com-gaps function as switches which dissipate a minimum amount of energy and therefore handle currents that far surpass other types of transient voltage protection.

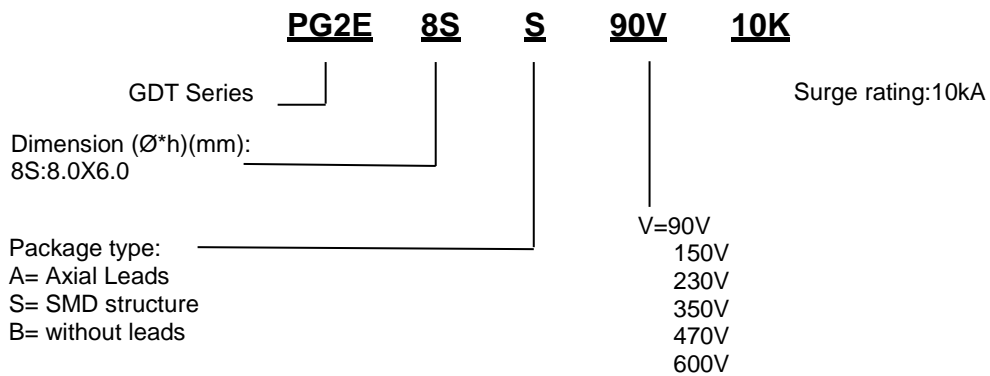
Features

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

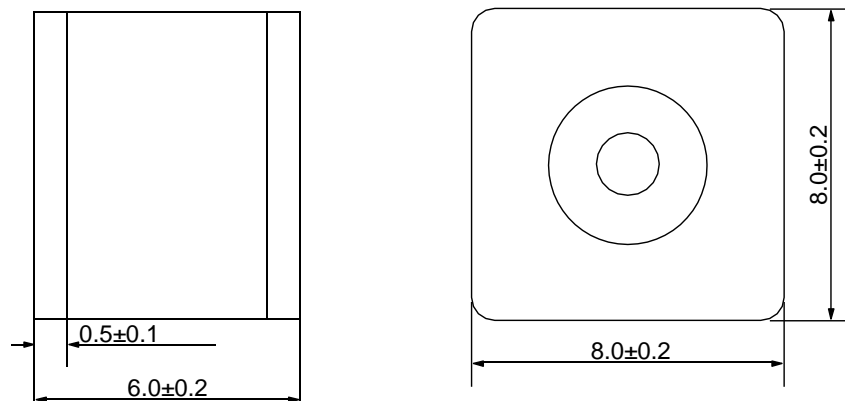
Application

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

Explanation of Part Number



Dimensional drawing(8.0mmX6.0mm)




Unit:mm

PG2E8SSXXV10K Series –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)
PG2E8SS75V10K	75	≤600	10	10	<1.5	≥1	25
PG2E8SS90V10K	90	≤600	10	10	<1.5	≥1	50
PG2E8SS150V10K	150	≤700	10	10	<1.0	≥1	50
PG2E8SS230V10K	230	≤800	10	10	<1.0	≥1	100
PG2E8SS350V10K	350	≤800	10	10	<1.0	≥1	100
PG2E8SS470V10K	470	≤900	10	10	<1.0	≥1	250
PG2E8SS600V10K	600	≤1200	10	10	<1.0	≥1	250
Parameter			Value		Unit		
Operating Junction Temperature Range			-40~85		°C		


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