

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 PG2E5LAxxV5K 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

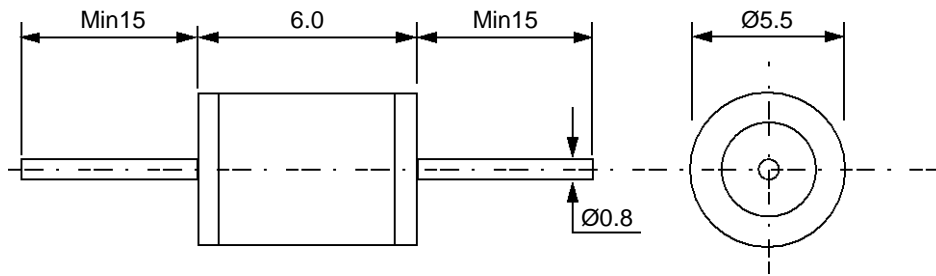
Application

- 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
PG2E5LA75V5K	75±25%	≤600	50	5	5	/	≥10 ¹⁰	<1.5
PG2E5LA90V5K	90±20%	≤600	50	5	5	/	≥10 ¹⁰	<1.5
PG2E5LA150V5K	150±20%	≤700	100	5	5	80	≥10 ¹⁰	<1.0
PG2E5LA230V5K	230 ⁺³⁰ ₋₄₀	≤800	100	5	5	135	≥10 ¹⁰	<1.0
PG2E5LA350V5K	350±20%	≤800	100	5	5	135	≥10 ¹⁰	<1.0
PG2E5LA470V5K	470±20%	≤900	100	5	5	135	≥10 ¹⁰	<1.0
PG2E5LA600V5K	600±20%	≤1200	100	5	5	135	≥10 ¹⁰	<1.0
Parameter			Value			Unit		
Operating Junction Temperature Range			-40~85			°C		

Product dimension(Ø5.5*6)



Unit:mm


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