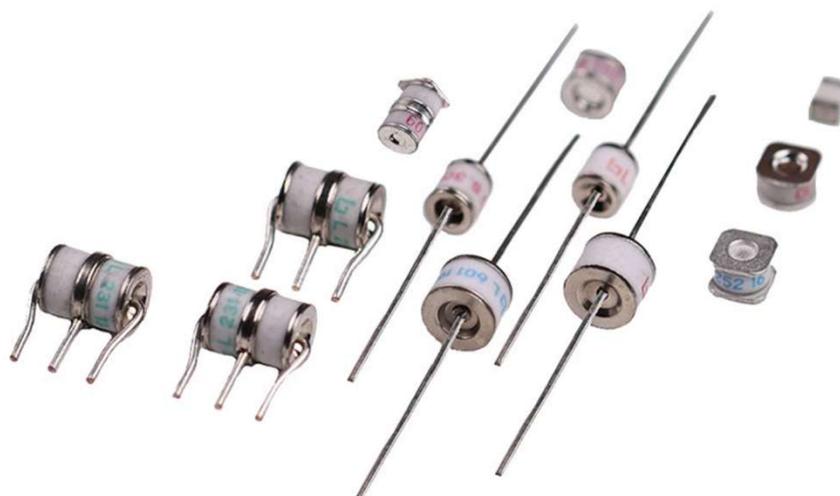


# Product Selection

F. GDT

- The ceramic gas discharge tubes, are commonly used to help protect sensitive telecom equipment, like signal lines and data transmission lines from damage caused by KA level lightning strikes.
- A kind of Crowbar type voltage protector.
- High impedance, Large  $I_{pp}$  with ultra low Cap.



# Product Selection

## F. GDT

- Impulse Discharge current from 500A up to 10KA
- Dimension from 2mm to 8mm square.
- Breakdown voltage from 75V up to 3600V

Part Number	DC Spark Over Volts (100v/s)(V)	Impulse Spark Over Voltage (V)	Insulation Resistance (GΩ)	Electrode Capacitance (pF)	Impulse Discharge Current (KA)	AC Discharge Current (A)
SG3DS0150N	150±30%	≤1100	≥1	≤1	0.5	1
SG3DS200N	200±30%	≤1100	≥1	≤1	0.5	1
SG3DS300N	300±30%	≤1200	≥1	≤1	0.5	1
SG3DS400N	400±30%	≤1300	≥1	≤1	0.5	1
SG3DS500N	500±30%	≤1300	≥1	≤1	0.5	1
SG4DS075N	075±30%	≤700	≥1	≤1	2	2
SG4DS090N	090±30%	≤700	≥1	≤1	2	2
SG4DS150N	150±30%	≤700	≥1	≤1	2	2
SG4DS200N	200±30%	≤800	≥1	≤1	2	2
SG4DS230N	230±30%	≤800	≥1	≤1	2	2
SG4DS300N	300±30%	≤1000	≥1	≤1	2	2
SG4DS350N	350±30%	≤1000	≥1	≤1	2	2
SG4DS400N	400±30%	≤1100	≥1	≤1	2	2
SG4DS470N	470±30%	≤1200	≥1	≤1	2	2
SG4DS600N	600±30%	≤1400	≥1	≤1	2	2
SG5DL075N	075±20%	≤600	≥1	≤1	5	5
SG5DL090N	090±20%	≤600	≥1	≤1	5	5
SG5DL150N	150±20%	≤600	≥1	≤1	5	5
SG5DL230N	230±20%	≤700	≥1	≤1	5	5
SG5DL350N	350±20%	≤1000	≥1	≤1	5	5
SG5DL420N	420±20%	≤1000	≥1	≤1	5	5
SG5DL470N	470±20%	≤1200	≥1	≤1	5	5
SG5DL600N	600±20%	≤1400	≥1	≤1	5	5
SG5DL800N	800±20%	≤1600	≥1	≤1	5	5
SG5DL1000N	1000±20%	≤1900	≥1	≤1	3	5
SG5DL1500N	1500±20%	≤2500	≥1	≤1	3	5
SG5DL2000N	2000±20%	≤3500	≥1	≤1	3	5
SG5DL2500N	2500±20%	≤4000	≥1	≤1	3	5
SG5DL3000N	3000±20%	≤4500	≥1	≤1	3	5
SG5DL3600N	3600±20%	≤5000	≥1	≤1	3	5
SG5DS075N	075±20%	≤600	≥1	≤1	5	5
SG5DS090N	090±20%	≤600	≥1	≤1	5	5
SG5DS150N	150±20%	≤600	≥1	≤1	5	5
SG5DS230N	230±20%	≤700	≥1	≤1	5	5
SG5DS350N	350±20%	≤1000	≥1	≤1	5	5

Part Number	DC Spark Over Volts (100v/s)(V)	Impulse Spark Over Voltage (V)	Insulation Resistance (GΩ)	Electrode Capacitance (pF)	Impulse Discharge Current (KA)	AC Discharge Current (A)
SG5DS420N	420±20%	≤1000	≥1	≤1	5	5
SG5DS470N	470±20%	≤1200	≥1	≤1	5	5
SG5DS600N	600±20%	≤1400	≥1	≤1	5	5
SG5DS800N	800±20%	≤1600	≥1	≤1	5	5
SG5TS075N	075±20%	≤600	≥1	≤1.5	5	5
SG5TS090N	090±20%	≤600	≥1	≤1.5	5	5
SG5TS150N	150±20%	≤600	≥1	≤1.5	5	5
SG5TS230N	230±20%	≤700	≥1	≤1.5	5	5
SG5TS350N	350±20%	≤1000	≥1	≤1.5	5	5
SG5TS420N	420±20%	≤1000	≥1	≤1.5	5	5
SG5TS470N	470±20%	≤1200	≥1	≤1.5	5	5
SG5TS600N	600±20%	≤1400	≥1	≤1.5	5	5
SG5TS800N	800±20%	≤1600	≥1	≤1.5	5	5
SG8DL800N	800±20%	≤1600	≥1	≤1.5	10	10
SG8DL1000N	1000±20%	≤1900	≥1	≤1.5	5	10
SG8DL1500N	1500±20%	≤2500	≥1	≤1.5	5	10
SG8DL2000N	2000±20%	≤3500	≥1	≤1.5	5	10
SG8DL2500N	2500±20%	≤4000	≥1	≤1.5	5	10
SG8DL3000N	3000±20%	≤4500	≥1	≤1.5	5	10
SG8DL3600N	3600±20%	≤5000	≥1	≤1.5	5	10
SG8DL075N	075±20%	≤600	≥1	≤1.5	10	10
SG8DL090N	090±20%	≤600	≥1	≤1.5	10	10
SG8DL150N	150±20%	≤600	≥1	≤1.5	10	10
SG8DL230N	230±20%	≤700	≥1	≤1.5	10	10
SG8DL350N	350±20%	≤1000	≥1	≤1.5	10	10
SG8DL420N	420±20%	≤1000	≥1	≤1.5	10	10
SG8DL470N	470±20%	≤1200	≥1	≤1.5	10	10
SG8DL600N	600±20%	≤1400	≥1	≤1.5	10	10
SGG3S140N	140±30%	≤600	≥1	≤1	1	
SGG3S0200N	200±30%	≤600	≥1	≤1	1	
SGG3S250N	250±30%	≤650	≥1	≤1	1	
SGG3S300N	300±30%	≤900	≥1	≤1	1	
SGG3S400N	400±30%	≤1000	≥1	≤1	1	
SGG3S500N	500±30%	≤1400	≥1	≤1	1	