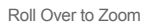


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Helping to protect telecom equipment. Our GDTs offer surge protection over a broad voltage range, and low capacitance and many form factors including new surface-mount devices that make them suitable for many different applications and surge protection on power lines. Their low capacitance also reduces signal distortion.

Features:

High Accuracy, Low Insertion Loss

- Low capacitance and insertion loss
- Crowbar device with low arc voltage
- High accuracy spark-over voltages for high precision designs
- Optional fail-short mechanisms
- RoHS Compliant, Halogen free

Benefits:

Overvoltage Fault Protection

- Provides overvoltage fault protection against damage caused by high energy surges
- Suitable for use in sensitive equipment due to impulse sparkover response
- Suitable for high-frequency applications
- New surface-mount devices for automated manufacturing

Applications:

Telecommunications, Industrial, and Consumer Electronics

Telecommunications

- MDF modules
- xDSL equipment
- RF systems
- Antennas
- Base stations

Industrial and Consumer Electronics

- Power supplies
- Surge protectors
- Alarm systems
- Irrigation systems

Electrical Characteristics

Agency Approvals

Access specifications, certifications, check availability and order parts below

Catalog #	DC Sparkover Voltage Tolerance (%)	V _{Nom} Spark (V)	Max Impulse Breakdown @ 100V/μs (V)	Max Impulse Breakdown @ 1kV/μs (V)	Capacitance (C _o) (pF)	Impulse Discharge Current @8/20μs (kA)	AC Discharge Current (A)	Electrodes	Failsafe	Product Specification	Stock	Samples	Compare
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Catalog #	DC Sparkover Voltage Tolerance (%)	V _{Nom} Spark (V)	Max Impulse Breakdown @ 100V/μs (V)	Max Impulse Breakdown @ 1kV/μs (V)	Capacitance (C ₀) (pF)	Impulse Discharge Current @8/20μs (kA)	AC Discharge Current (A)	Electrodes	Failsafe	Product Specification	Stock	Samples	Compare
▲	▲	▲	▲	▲	▲	▲	▲	▲	▲				
GTCA25-401M-R02	±20%	400	<=900	<=1000	<1	2.5	2.5	2	Without	PDF	Check	Order	☐
GTCA25-501M-R02	±20%	500	<=1100	<=1200	<1	2.5	2.5	2	Without	PDF	Check		☐
GTCA25-601L-R05	±15%	600	<=950	<=1100	<1	5	5	2	Without	PDF	Check		☐
GTCA25-750M-R02	±20%	75	<=450	<=550	<1	2.5	2.5	2	Without	PDF	Check		☐
GTCA25-900M-R02	±20%	90	<=450	<=550	<1	2.5	2.5	2	Without	PDF	Check	Order	☐
GTCA25-900M-R05	±20%	90	<=450	<=550	<1	5	5	2	Without	PDF	Check		☐

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