

ESD Suppressor (Single)

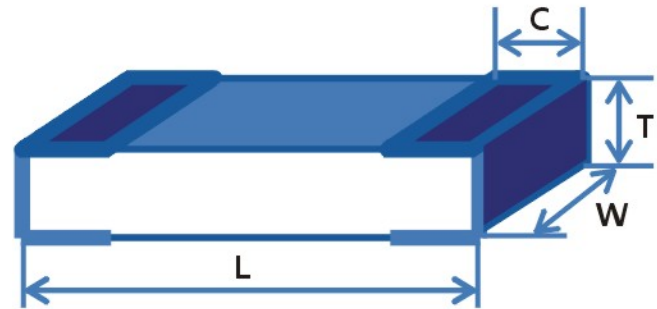
Features

- Outstanding ESD Protection
- Ultra low Capacitance (0.05pF typ.)
- Very low leakage current
- Fast response time(<1 ns)
- Bi-directional
- RoHS Compliance.

Applications

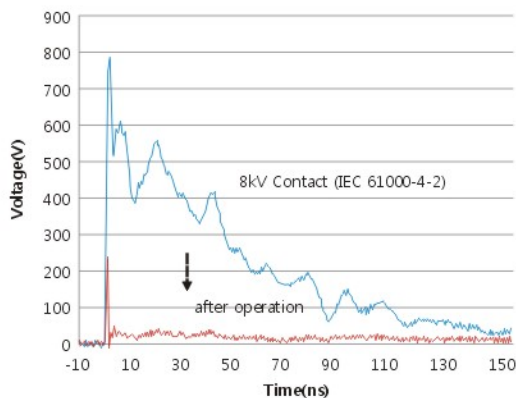
- High speed interface
- Cellular handsets
- Communication system
- Portable electronics
- Audio & Video equipments
- Computer & Peripheral

Shape and Dimensions

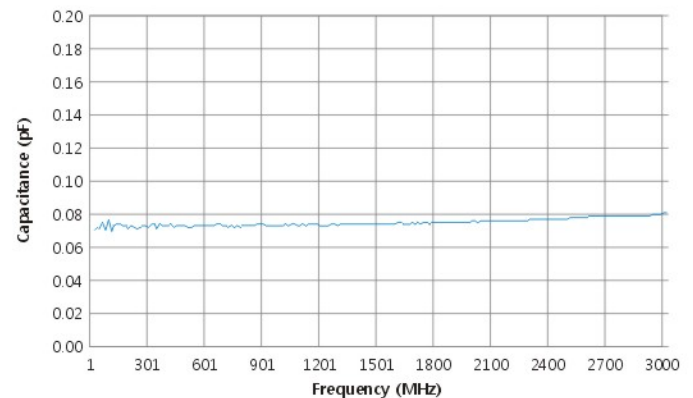


Dimensions	L	W	T	C
	1.0 ± 0.1	0.5 ± 0.1	0.4 ± 0.1	0.2 ± 0.1

ESD Suppression Waveform



Capacitance vs. Frequency



Device Ratings & Characteristics

Part No.	Maximum Operating Voltage(V)	Leakage Current (uA)	Capacitance (pF, Typ)	Attenuation Change 3GHz (dB, Typ)	EDS Capability Contact Discharge Mode (kV)	Minimum ESD Pulse Withstand (times)	Operating Temp (°C)
CD10S05E05T	5	0.001	0.05	0.1	± 15	100	-55 to 125
CD10S05E15T	5	0.001	0.15	0.1	± 15	100	-55 to 125
CD10S12E05T	12	0.001	0.05	0.1	± 15	100	-55 to 125
CD10S12E15T	12	0.001	0.15	0.1	± 15	100	-55 to 125

* Specifications are subject to change without notice.