

Features

- AC voltage at 50~60Hz
- Varistor voltage
- Capacitance
- Maximum clamping voltage
- Rated peak single pulse transient current

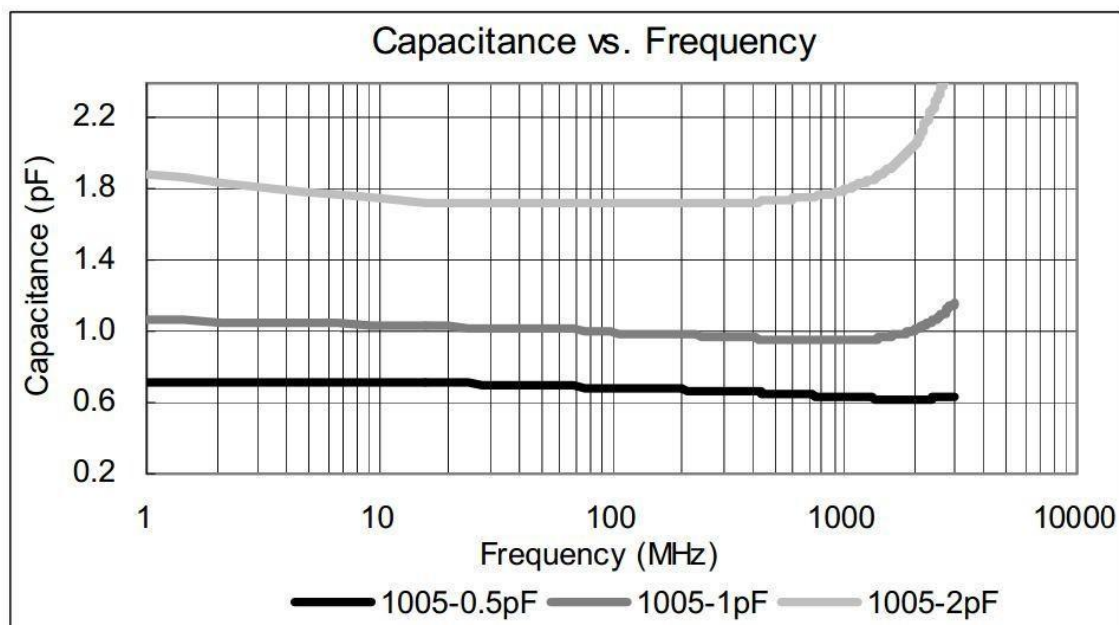
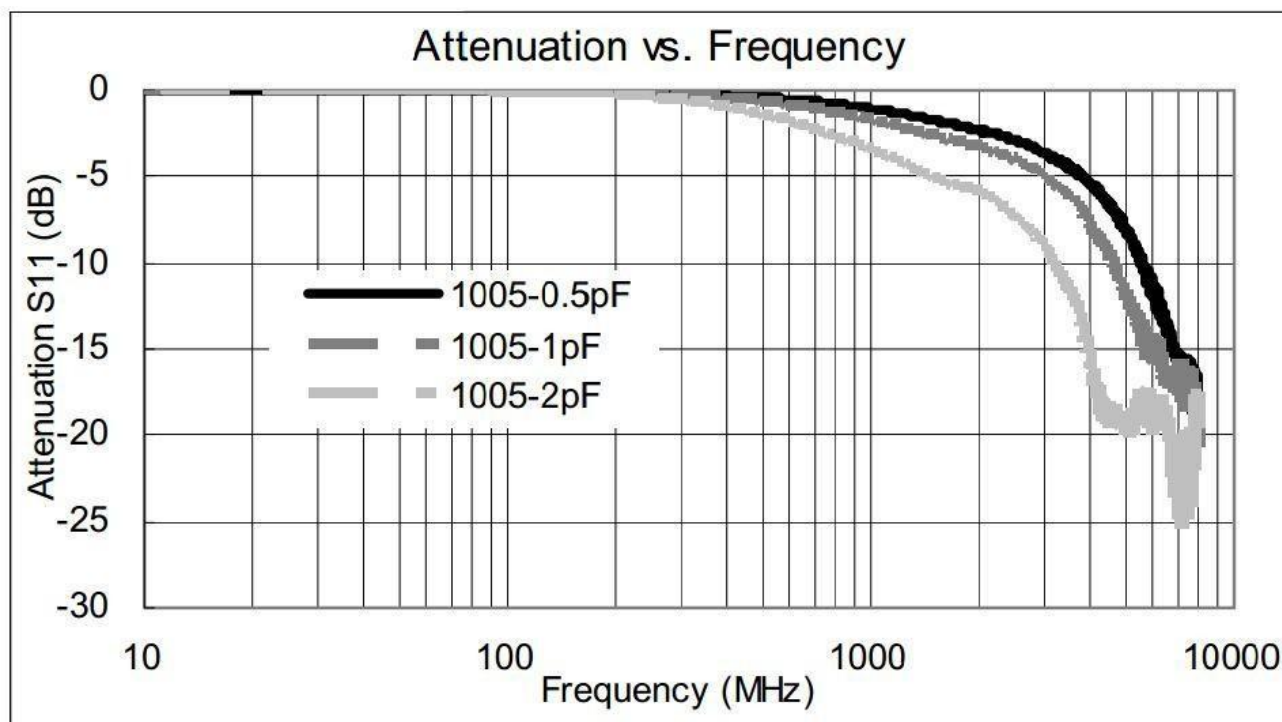


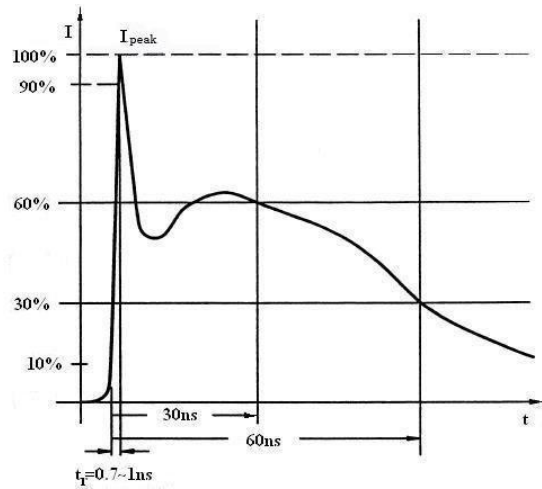
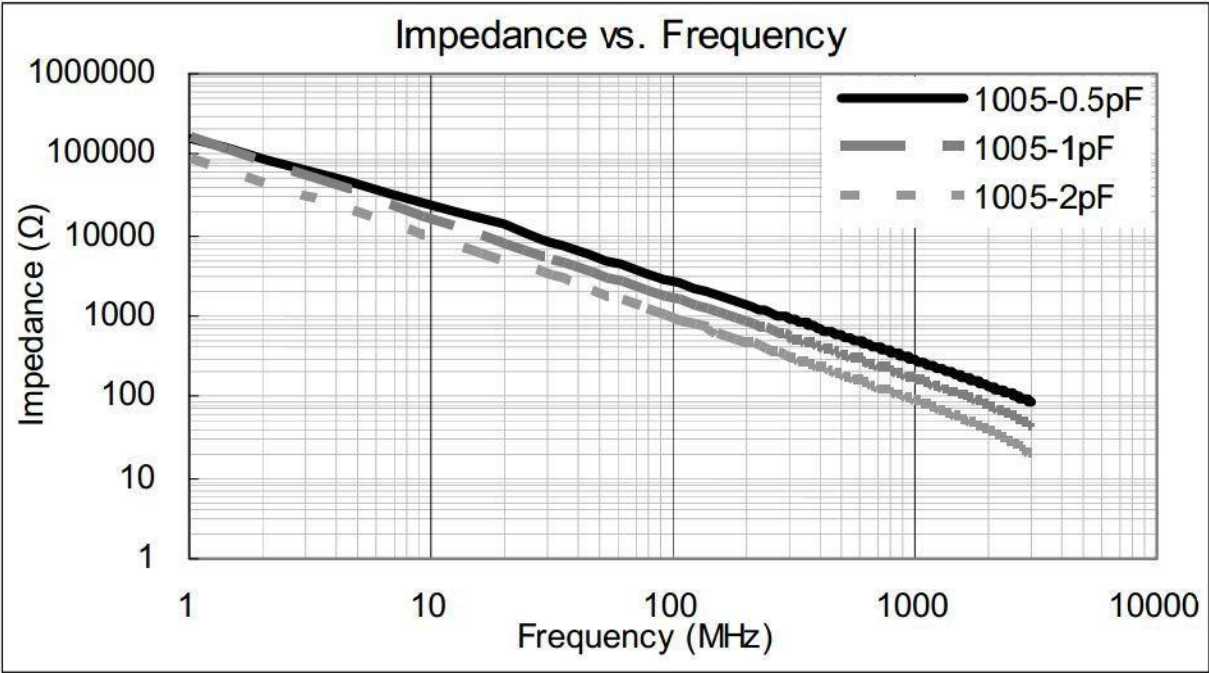
0603

V_{DC}: 5V 8V 12V 14V 18V 24V

Technical Data	Symbol	Value	Unit
Maximum allowable continuous DC voltage	V _{DC}	5.0	V
Varistor voltage Measured*2 Varistor voltage tolerance	V _B	130 ±20	V %
Typical capacitance value measured*3	C	1.0	pF
Typical capacitance value tolerance		±0.3	PF
Maximum clamping voltage measured*4	V _C	250	V

Response time	T _{rise}	<1	ns
Leakage current at V _B ×80%(At initial state)	I _{LVB}	<20	μ A
Leakage current at V _B ×80%(After reliability Test)	I _{LVBA}	<100	μ A
Operating ambient temperature		-55~+125	°C
Storage temperature		-40~+125	°C
Reflow temperature profile(Recommend)		260	°C

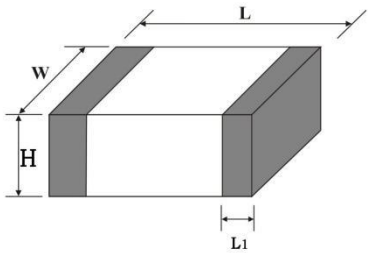




SEVERITY LEVEL	AIRDIRCHARGE	DIRECT ISCHARGE
1	2 kV	2 kV
2	4 kV	4 kV
3	8 kV	6 kV
4	15 kV	8 kV

IEC61000-4-2 Compliant ESD Current Pulse Waveform

PKG	Length (L)	Width (W)	High (H) Max	Termination (L1)
0603	1.60±0.15	0.80±0.15	0.95	0.35±0.15



Standards