



06ESD RoHS Compliant

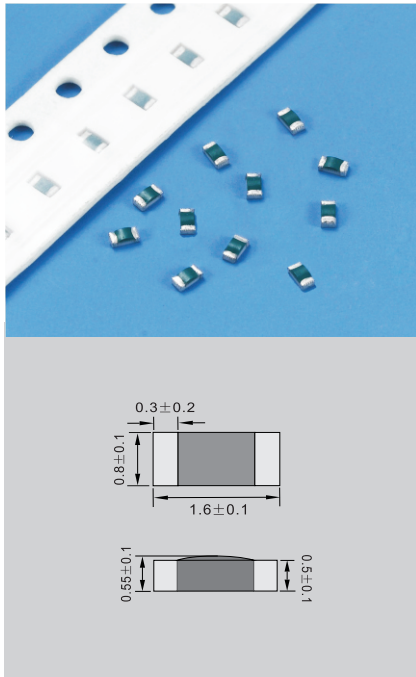
静电抑制器 Electro-static Discharge

特点 Features

- 0603 foot print
- Ideal electro-static discharge for high frequency, low voltage applications
- Exceeds testing requirements outlined in IEC61000-4-2
- Ultra low capacitance(0.15pF maximum)
- Very low leakage current
- Fast response time
- Bi-Directional

电气特性 Electrical Characteristics:

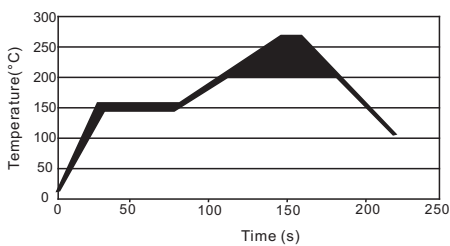
Characteristic	Unit	Min	Typical	Max
Rated Voltage	VDC	-	-	24
Clamping Voltage	VDC	-	35	60
Trigger Voltage	VDC	-	300	-
Response Time	ns	-	<1ns	-
ESD Threat Voltage Capability	KV	-	8	15
Capacitance(@1MHZ~1.8GHZ)	pF	-	0.05	0.15
Leakage Current(@12VDC)	nA	0.01	<0.1	-
Peak Current	A	-	30	45
Operating Temperature	°C	-56	+25	+105
ESD Pulse Withstand	#pulses	20	>1000	-



Soldering Recommendation

Peak reflow temperatures and durations:
Solder reflow: 260°C max, 10s max.

Recommended solder reflow profile:



环境特性 Environmental Specifications

- Thermal shock: MIL-STD-202G, Method 107G, Air to Air -55°C to 125°C, 10 cycles.
- Moisture resistance: MIL-STD-202G, Method 106G, 85% Relative Humidity at 85°C, 90% Relative Humidity at 25°C, Apply rated voltage for 24 hours, 10 cycles.
- Vibration test: MIL-STD-202G, Method 201A, 10 to 55 to 10HZ, 1 minute cycle, 2 hours each in X-Y-Z(axis).
- Solderability: MIL-STD-202G, Method 208H, 95% coverage.
- Endurance Test: IEC61000-4-2, standard ESD pulse, 15kV, 50 pulses, 10 second interval; 8kV, 500 pulses, 1 second Interval.
- Operating and Storage temperature: -55°C to 125°C.

包装 Packaging

5000 pcs in 7 inches diameter, 8mm wide tape per reel.