

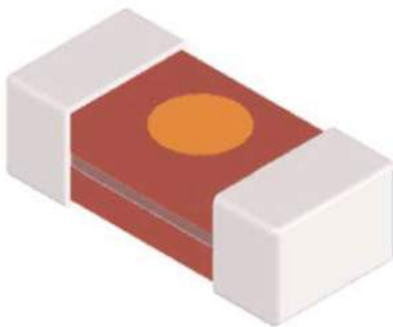
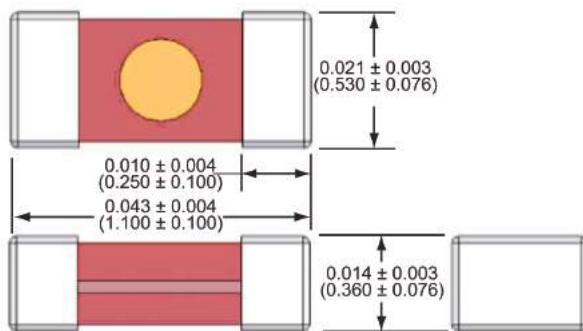
FEATURES :

- * 1005 mm [0402" Size]
- * RoHS-Compliant Products
- * Halogen Free
- * Bi-directional
- * (0.05pF) Ultra-low Capacitance
- * (< 1nS) Fast Response Time
- * (< 0.1nA) Low Leakage Current

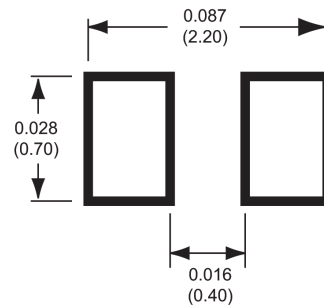
1005 SGX

ESD SUPPRESSOR DEVICE 1005 SURGX

DIMENSIONS:



PAD PATTERN:



Unit : inches
(mm)

Specifications

Characteristic	Value
Rated Voltage	30Vdc maximum
Clamping Voltage ¹	35V typical
Trigger Voltage ²	300V typical
Capacitance (@1MHz)	0.05pF typical, 0.15pF maximum
Attenuation Change (0-6GHz)	-0.2dB typical
Leakage Current (@12Vdc)	<0.1nA typical
ESD Capability	
• IEC61000-4-2 Direct Discharge	8kV typical
• IEC61000-4-2 Air Discharge	15kV typical
ESD Pulse Withstand ³	>1000 typical

