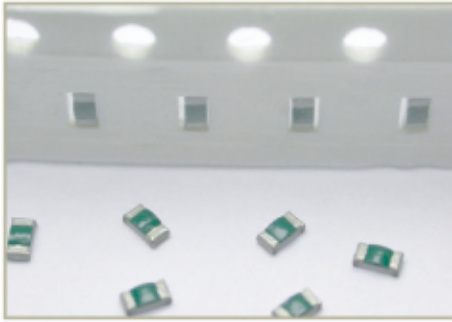




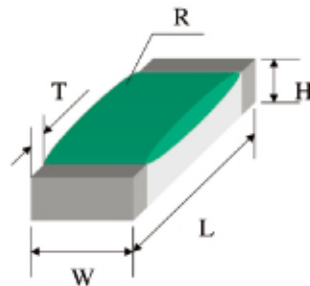
特性 FEATURES :

- * 1608 mmサイズ [0603" Size]
- * RoHS 適合品 RoHS-Compliant Products
- * 両極性 Bi-directional
- * 非常に低いキャパシタンス (0.15pF Max.) Ultra-low Capacitance
- * 高速応答性 Fast Response Time
- * 低い漏れ電流 (<0.1nA) Low Leakage Current

1608 SGX

製品名 : 1608 SGX

寸法 DIMENSIONS:



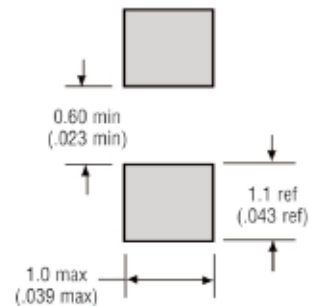
Unit : ミリ mm
インチ [Inches]

EIA Size		L	W	H	T	R
0603ESDA	mm (inches)	1.60 ± 0.10 (.063 ± .004)	0.80 ± 0.10 (.031 ± .004)	0.50 ± 0.10 (.020 ± .004)	0.30 ± 0.10 (.008 ± .004)	0.70 ± .10 (.028 ± .005)

推奨半田パッド寸法

PAD PATTERN:

Recommended Solder Pad Outline (per IPC-SM-782)



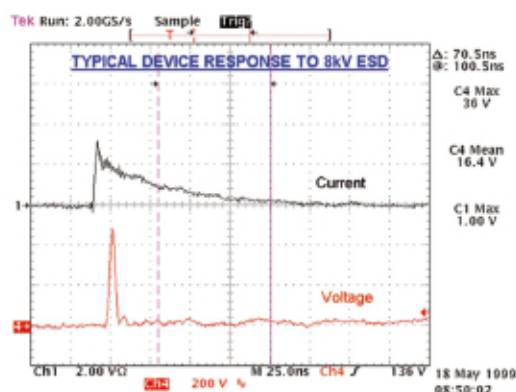
Part Ratings and Characteristics:

Performance Characteristics	Units	Min	Typ	Max
Continuous operating voltage	VDC	-	-	24
Clamping voltage ²	V	-	35	60
Trigger voltage ³	V	-	125	-
ESD Threat voltage capability ⁴	kV	-	8	15
Capacitance (@ 1 KHz ~ 1.8GHz)	pF	-	-	0.15
Leakage current (@ 12 VDC)	nA	0.01	<0.1	-
Peak current ²	A	-	30	45
Operating temperature	°C	-56	+25	+105
ESD pulse withstand ²	# pulses	20	>500 ¹	-

Notes:

- Some shifting in characteristics may occur when tested over several hundred ESD pulses at very rapid rate of 1 pulse per second or faster.
- Per IEC 61000-4-2, 30A @ 8kV, level 4, clamp measurement made 30ns after initiation of pulse, all tests in contact discharge mode.
- Trigger measurement made using Transmission Line Pulse (TLP) method
- PolySURG™ devices are capable of withstanding up to a 15 kV, 45A ESD pulse. Device ratings are given at 8kV per Note 1, unless otherwise specified.

8kV ESDに対する反応 (代表値) Typical Device Response to 8kV ESD



Signal distortion comparisons at 800Mbps

