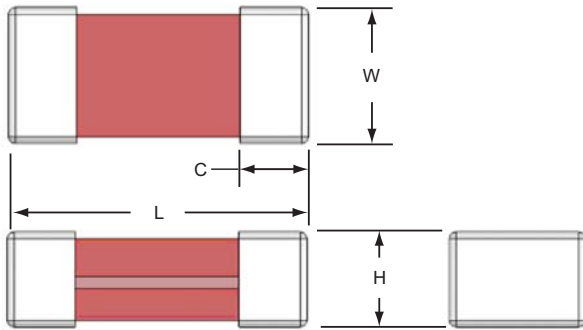
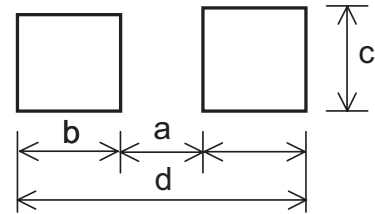


Dimensions - mm



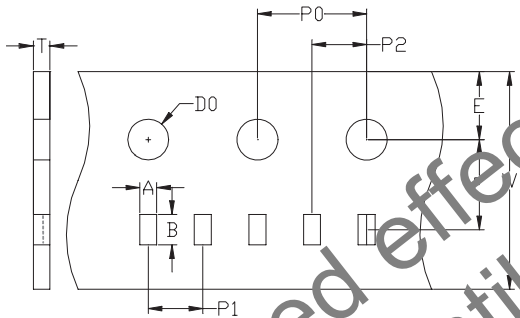
Size	L	W	H	C
0201	0.60±0.05	0.30±0.05	0.30±0.05	0.20±0.10
0402	1.00±0.15	0.50±0.10	0.50±0.10	0.25±0.15
0603	1.60±0.15	0.80±0.10	0.80±0.10	0.30±0.20

Recommended Pad Layout - mm (in)



Size	a	b	c	d
0201	0.23 (0.009)	0.30 (0.012)	0.45 (0.018)	0.83 (0.033)
0402	0.51 (0.020)	0.61 (0.024)	0.51 (0.020)	1.70 (0.067)
0603	0.50 (0.020)	1.02 (0.040)	0.76 (0.030)	2.54 (0.100)

Tape Packaging Specifications - mm



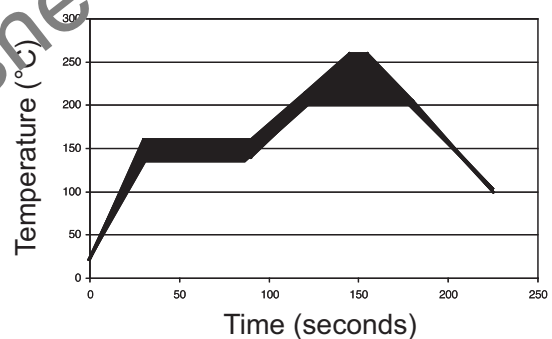
0201 Carrier Dimensions									
A	B	W	E	F	P0	P1	P2	D0	T
0.37 ±0.03	0.69 ±0.03	8.0 ±0.1	1.75 ±0.05	3.5 ±0.05	4.0 ±0.1	2.0 ±0.05	2.0 ±0.05	1.55 ±0.05	0.42 ±0.03
0402 Carrier Dimensions									
A	B	W	E	F	P0	P1	P2	D0	T
0.58 ±0.03	1.2 ±0.03	8.0 ±0.1	1.75 ±0.05	3.5 ±0.05	7.0 ±0.1	2.0 ±0.05	2.0 ±0.05	1.55 ±0.05	0.60 ±0.03
0603 Carrier Dimensions									
A	B	W	E	F	P0	P1	P2	D0	T
1.05 ±0.15	1.90 ±0.15	8.0 ±0.30	1.75 ±0.10	3.50 ±0.10	10.0 ±0.10	2.0 ±0.05	2.0 ±0.05	1.50 ±0.10	-

Environmental Specifications

Characteristic	Value
Bias Humidity	+40°C, 90% RH for 1000 hours
Thermal Shock	+40°C to +85°C, 30 minute cycle, 5 cycles
Operating Temperature Range	-40°C to +85°C
Storage Temperature Range	-40°C to +85°C
Full Load Voltage	Working Voltage, 85°C, 1000 hours

Soldering Recommendations

- Compatible with lead and lead free solder reflow processes
- Peak reflow temperatures and durations:
 - IR Reflow = 260°C max for 30 sec. max.
 - Wave Solder = 260°C max. for 10 sec. max.
- Recommended IR Reflow Profile:



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