

## Specification Sheet

Terminal Pad Solderability:  
 Meets EIA Specification RS186-9E  
 And ANSI/J-STD-002 Category 3.

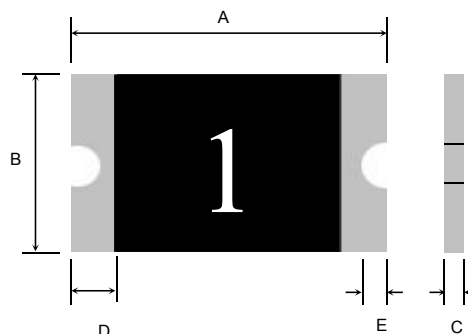
Terminal Pad Materials:  
 Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

Marking:

Part Identification

1 = 010



**TABLE I. DIMENSIONS:**

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
SMD0603-001	K	1.45	1.85	0.65	1.05	0.50	1.20	0.15	0.08
SMD0603-002	N	1.45	1.85	0.65	1.05	0.50	1.20	0.15	0.08
SMD0603-003	T	1.45	1.85	0.65	1.05	0.50	1.20	0.15	0.08
SMD0603-004	X	1.45	1.85	0.65	1.05	0.40	1.00	0.15	0.08
SMD0603-005	V	1.45	1.85	0.65	1.05	0.50	1.00	0.15	0.08
SMD0603-010	1	1.45	1.85	0.65	1.05	0.40	1.00	0.15	0.08
SMD0603-020	2	1.45	1.85	0.65	1.05	0.40	1.00	0.15	0.08
SMD0603-025	2	1.45	1.85	0.65	1.05	0.40	1.00	0.15	0.08
SMD0603-035	3	1.45	1.85	0.65	1.05	0.40	1.00	0.15	0.08
SMD0603-050	5	1.45	1.85	0.65	1.05	0.50	1.10	0.15	0.08
SMD0603-075	7	1.45	1.85	0.65	1.05	0.50	1.10	0.15	0.08

**TABLE II. PERFORMANCE RATINGS:**

Model	Marking	V <sub>max</sub> (Vdc)	I <sub>max</sub> (A)	I <sub>hold</sub> @25°C (A)	I <sub>trip</sub> @25°C (A)	P <sub>d</sub> Typ. (W)	Maximum Time To Trip		Resistance		Agency Approval	
							Current (A)	Time (Sec)	R <sub>1min</sub> (Ω)	R <sub>1max</sub> (Ω)	UL	TUV
SMD0603-001	K	30	20	0.01	0.04	0.5	0.2	1.00	15.000	100.000	✓	
SMD0603-001-60v	K	60	20	0.01	0.04	0.5	0.2	1.00	15.000	100.000	✓	
SMD0603-002	N	30	20	0.02	0.08	0.5	0.2	1.00	8.000	70.000	✓	
SMD0603-002-60v	N	60	20	0.02	0.08	0.5	0.2	1.00	8.000	70.000	✓	
SMD0603-003	T	30	20	0.03	0.10	0.5	0.2	1.00	6.000	50.000	✓	
SMD0603-003-48v	T	48	20	0.03	0.10	0.5	0.2	1.00	6.000	50.000	✓	
SMD0603-004	X	24	40	0.04	0.12	0.5	0.2	1.00	6.000	40.000		
SMD0603-005	V	15	40	0.05	0.20	0.5	0.5	1.00	2.000	25.000	✓	
SMD0603-005-24V	V	24	40	0.05	0.20	0.5	0.5	1.00	2.000	25.000	✓	
SMD0603-010	1	15	40	0.10	0.30	0.5	0.5	1.00	0.900	6.000	✓	
SMD0603-010-24V	1	24	40	0.10	0.30	0.5	0.5	1.00	0.900	10.000	✓	
SMD0603-020	2	9	40	0.20	0.50	0.5	1.0	0.60	0.550	3.500	✓	
SMD0603-025	2	9	40	0.25	0.55	0.5	8.0	0.08	0.500	3.000	✓	
SMD0603-035	3	6	40	0.35	0.75	0.5	8.0	0.10	0.200	1.400	✓	
SMD0603-050	5	6	40	0.50	1.00	0.5	8.0	0.10	0.100	0.800	✓	
SMD0603-075	7	6	40	0.75	1.40	0.5	8.0	0.10	0.060	0.450	✓	

**Order Information**

**Packaging**

SMD0603	010	Tape & Reel Quantity	
Product name	Hold	Max	5,000 pcs/reel
Size 1508 mm / 0603 mils	Current	voltage	
SMD: surface mount device	0.10A		

**Recognition:** SMD0603-005-010-020-025-035-050-075-100 UL Approved.

E201504/E319079



2015/863/EU



EN14582

