

SEA&LAND ELECTRONIC CORP.

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Techfuse
PTC Devices
Resettable Fuse

PRODUCT: SL0603series
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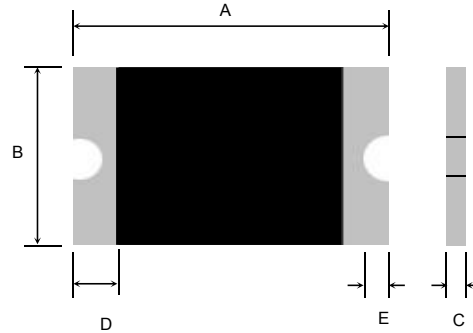
Specification Sheet

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

**TABLE I. DIMENSIONS:**

Model	A		B		C		D	E
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
SL0603050	1.45	1.90	0.65	1.00	--	0.80	0.20	0.10
SL0603075	1.45	1.90	0.65	1.00	--	0.80	0.20	0.10
SL0603100	1.45	1.90	0.65	1.00	--	0.80	0.20	0.10
SL0603150	1.45	1.90	0.65	1.00	--	0.80	0.20	0.10
SL0603175	1.45	1.90	0.65	1.00	--	1.00	0.20	0.10
SL0603200	1.45	1.90	0.65	1.00	--	1.00	0.20	0.10
SL0603250	1.45	1.90	0.65	1.00	--	1.00	0.20	0.10
SL0603260	1.45	1.90	0.65	1.00	--	1.00	0.20	0.10
SL0603300	1.45	1.90	0.65	1.00	--	1.20	0.20	0.10
SL0603350	1.45	1.90	0.65	1.00	--	1.30	0.20	0.10
SL0603400	1.45	1.90	0.65	1.00	--	1.30	0.20	0.10
SL0603450	1.45	1.90	0.65	1.00	--	1.40	0.20	0.10
SL0603500	1.45	1.90	0.65	1.00	--	1.40	0.20	0.10
SL0603550	1.45	1.90	0.65	1.00	--	1.40	0.20	0.10
SL0603600	1.45	1.90	0.65	1.00	--	1.40	0.20	0.10

Unit:mm

TABLE II. PERFORMANCE RATINGS:

Model	Marking	V _{max} (Vdc)	I _{max} (A)	I _{hold} @25°C (A)	I _{trip} @25°C (A)	P _d Typ. (W)	Maximum Time To Trip		Resistance		Agency Approval	
							Current (A)	Time (Sec)	R _{min} (Ω)	R _{1max} (Ω)	UL	TUV
SL0603050		6	50	0.50	1.00	1.0	5.0	0.50	0.0500	0.3500		
SL0603075		6	50	0.75	1.50	1.0	8.0	0.50	0.0300	0.2500		
SL0603100		6	50	1.00	2.00	1.0	8.0	0.50	0.0080	0.1200	✓	
SL0603100-8V		8	50	1.00	2.00	1.0	8.0	0.50	0.0080	0.1200	✓	
SL0603100-12V		12	50	1.00	2.00	1.0	8.0	0.50	0.0080	0.1200	✓	
SL0603100-16V		16	50	1.00	2.00	1.0	8.0	0.50	0.0080	0.1200	✓	
SL0603150		6	50	1.50	3.00	1.0	8.0	0.50	0.0050	0.1000	✓	
SL0603150-8V		8	50	1.50	3.00	1.0	8.0	0.50	0.0050	0.1000	✓	
SL0603150-12V		12	50	1.50	3.00	1.0	8.0	0.50	0.0050	0.1000	✓	
SL0603150-16V		16	50	1.50	3.00	1.0	8.0	0.50	0.0050	0.1000	✓	
SL0603175		6	50	1.75	3.50	1.0	8.0	0.50	0.0050	0.0700	✓	
SL0603175-8V		8	50	1.75	3.50	1.0	8.0	0.50	0.0050	0.0700	✓	
SL0603175-12V		12	50	1.75	3.50	1.0	8.0	0.50	0.0050	0.0700	✓	
SL0603175-16V		16	50	1.75	3.50	1.0	8.0	0.50	0.0050	0.0700	✓	
SL0603200		6	50	2.00	4.00	1.0	8.0	5.00	0.0040	0.0650	✓	
SL0603200-8V		8	50	2.00	4.00	1.0	8.0	5.00	0.0040	0.0650	✓	
SL0603200-12V		12	50	2.00	4.00	1.0	8.0	5.00	0.0040	0.0650	✓	
SL0603200-16V		16	50	2.00	4.00	1.0	8.0	5.00	0.0040	0.0650	✓	
SL0603250		6	50	2.50	5.00	1.0	8.0	5.00	0.0030	0.0600		
SL0603260		6	50	2.60	5.20	1.0	8.0	5.00	0.0030	0.0550		
SL0603300		6	50	3.00	6.00	1.2	12.0	5.00	0.0020	0.0500		
SL0603350		6	50	3.50	7.00	1.2	12.0	5.00	0.0020	0.0250		
SL0603400		6	50	4.00	8.00	1.2	12.0	5.00	0.0010	0.0180		
SL0603450		6	50	4.50	9.00	1.5	12.0	5.00	0.0010	0.0140		
SL0603500		6	50	5.00	10.00	1.5	16.0	5.00	0.0010	0.0120		
SL0603550		6	50	5.50	11.00	1.5	16.0	5.00	0.0008	0.0110		
SL0603600		6	50	6.00	12.00	1.5	16.0	5.00	0.0005	0.0100		

Order Information**Packaging**

SL0603	050	Tape & Reel Quantity	
Product name	Hold	Max	4,000 pcs/reel
Size 1508 mm / 0603 mils	Current	voltage	
SL: surface mount device	0.50A		

Recognition: SL0603050~100~150~175~200 UL Approved.

E201504/E319079



2015/863/EU



EN14582

