

SEA&LAND ELECTRONIC CORP. 13F., No.120-10, Sec. 3, Zhongshan Rd., Zhonghe Dist., New Taipei City 235, Taiwan Tel.: 886-2-8221-2567 Fax.: 886-2-2225-7268	Techfuse PTC Devices Resettable Fuse	PRODUCT: SL0603series DOCUMENT: QR0429 ECN. NO.: REV LETTER: A REV DATE: 2023.1.6 PAGE NO.: 1 of 1
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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

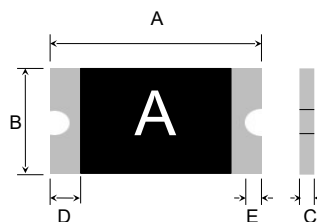


TABLE I. DIMENSIONS:

Model	A		B		C		D	E
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
SL0603035	1.45	1.90	0.65	1.00	0.40	0.80	0.20	0.10
SL0603035-12V	1.45	1.90	0.65	1.00	0.40	0.80	0.20	0.10
SL0603050	1.45	1.90	0.65	1.00	0.40	0.80	0.20	0.10
SL0603050-12V	1.45	1.90	0.65	1.00	0.40	0.80	0.20	0.10
SL0603075	1.45	1.90	0.65	1.00	0.40	0.80	0.20	0.10
SL0603075-12V	1.45	1.90	0.65	1.00	0.40	0.80	0.20	0.10
SL0603100	1.45	1.90	0.65	1.00	0.40	0.80	0.20	0.10
SL0603100-8V	1.45	1.90	0.65	1.00	0.40	0.80	0.20	0.10
SL0603100-12V	1.45	1.90	0.65	1.00	0.40	1.00	0.20	0.10
SL0603100-16V	1.45	1.90	0.65	1.00	0.40	1.00	0.20	0.10
SL0603150	1.45	1.90	0.65	1.00	0.40	1.00	0.20	0.10
SL0603150-8V	1.45	1.90	0.65	1.00	0.40	1.00	0.20	0.10
SL0603150-12V	1.45	1.90	0.65	1.00	0.40	1.00	0.20	0.10
SL0603150-16V	1.45	1.90	0.65	1.00	0.40	1.00	0.20	0.10
SL0603175	1.45	1.90	0.65	1.00	0.40	1.00	0.20	0.10
SL0603175-8V	1.45	1.90	0.65	1.00	0.40	1.00	0.20	0.10
SL0603175-12V	1.45	1.90	0.65	1.00	0.50	1.20	0.20	0.10
SL0603175-16V	1.45	1.90	0.65	1.00	0.50	1.20	0.20	0.10
SL0603200	1.45	1.90	0.65	1.00	0.60	1.00	0.20	0.10
SL0603200-8V	1.45	1.90	0.65	1.00	0.60	1.00	0.20	0.10
SL0603200-12V	1.45	1.90	0.65	1.00	0.60	1.20	0.20	0.10
SL0603200-16V	1.45	1.90	0.65	1.00	0.60	1.20	0.20	0.10
SL0603250	1.45	1.90	0.65	1.00	0.60	1.00	0.20	0.10
SL0603260	1.45	1.90	0.65	1.00	0.60	1.00	0.20	0.10
SL0603300	1.45	1.90	0.65	1.00	0.60	1.20	0.20	0.10
SL0603350	1.45	1.90	0.65	1.00	0.60	1.30	0.20	0.10
SL0603400	1.45	1.90	0.65	1.00	0.60	1.30	0.20	0.10
SL0603450	1.45	1.90	0.65	1.00	0.80	1.40	0.20	0.10
SL0603500	1.45	1.90	0.65	1.00	0.80	1.40	0.20	0.10
SL0603550	1.45	1.90	0.65	1.00	0.80	1.40	0.20	0.10
SL0603600	1.45	1.90	0.65	1.00	0.80	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 _{lmin} (Ω)	R _{lmax} (Ω)	UL	TUV
SL0603035	3	6	50	0.35	2.00	0.5	8.0	0.10	0.150	1.000		
SL0603035-12V	3	12	50	0.35	2.00	1.0	5.0	0.50	0.150	1.000		
SL0603050	5	6	50	0.50	2.50	1.0	5.0	0.50	0.020	0.350		
SL0603050-12V	5	12	50	0.50	2.50	1.0	5.0	0.50	0.020	0.350		
SL0603075	7	6	50	0.75	3.00	1.0	8.0	0.50	0.030	0.250		
SL0603075-12V	7	12	50	0.75	3.00	1.0	8.0	0.50	0.030	0.250		
SL0603100	A	6	50	1.00	3.00	1.0	8.0	0.50	0.008	0.120	✓	
SL0603100-8V	A	8	50	1.00	3.00	1.0	8.0	0.50	0.008	0.120	✓	

SL0603100-12V	A	12	50	1.00	3.00	1.0	8.0	0.50	0.008	0.120	✓	
SL0603100-16V	A	16	50	1.00	3.00	1.0	8.0	0.50	0.008	0.120	✓	
SL0603150	E	6	50	1.50	3.50	1.0	8.0	0.50	0.005	0.100	✓	
SL0603150-8V	E	8	50	1.50	3.50	1.0	8.0	0.50	0.005	0.100	✓	
SL0603150-12V	E	12	50	1.50	3.50	1.0	8.0	0.50	0.005	0.100	✓	
SL0603150-16V	E	16	50	1.50	3.50	1.0	8.0	0.50	0.005	0.100	✓	
SL0603175	G	6	50	1.75	3.50	1.0	8.0	0.50	0.005	0.070	✓	
SL0603175-8V	G	8	50	1.75	3.50	1.0	8.0	0.50	0.005	0.070	✓	
SL0603175-12V	G	12	50	1.75	3.50	1.0	8.0	0.50	0.005	0.070	✓	
SL0603175-16V	G	16	50	1.75	3.50	1.0	8.0	0.50	0.005	0.070	✓	
SL0603200	K	6	50	2.00	4.00	1.0	8.0	5.0	0.004	0.065	✓	
SL0603200-8V	K	8	50	2.00	4.00	1.0	8.0	5.0	0.004	0.065	✓	
SL0603200-12V	K	12	50	2.00	4.00	1.0	8.0	5.0	0.004	0.065	✓	
SL0603200-16V	K	16	50	2.00	4.00	1.0	8.0	5.0	0.004	0.065	✓	
SL0603250	L	6	50	2.50	5.00	1.0	8.0	5.0	0.003	0.060		
SL0603260	L	6	50	2.60	5.20	1.0	8.0	5.0	0.003	0.055		
SL0603300	N	6	50	3.00	6.00	1.2	12.0	5.0	0.002	0.050		
SL0603350	N	6	50	3.50	7.00	1.2	12.0	5.0	0.002	0.025		
SL0603400	R	6	50	4.00	8.00	1.2	12.0	5.0	0.001	0.018		
SL0603450	S	6	50	4.50	9.00	1.5	12.0	5.0	0.001	0.014		
SL0603500	T	6	50	5.00	10.00	1.5	16.0	5.0	0.001	0.012		
SL0603550	U	6	50	5.50	11.00	1.5	16.0	5.0	0.0008	0.0110		
SL0603600	W	6	50	6.00	12.00	1.5	16.0	5.0	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

