

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: 2026/4/28 PAGE NO.: 1 of 1
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------

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

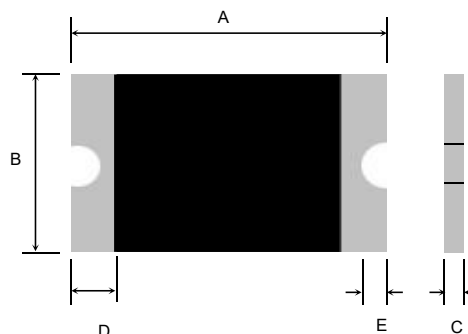


TABLE I. DIMENSIONS:

Model	A		B		C		D		E	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
SL0603050	--	1.9	--	1.0	--	0.80	0.20	--	0.10	--
SL0603100	--	1.9	--	1.0	--	0.80	0.20	--	0.10	--
SL0603150	--	1.9	--	1.0	--	0.80	0.20	--	0.10	--
SL0603175	--	1.9	--	1.0	--	1.00	0.20	--	0.10	--
SL0603200	--	1.9	--	1.0	--	1.00	0.20	--	0.10	--
SL0603250	--	1.9	--	1.0	--	1.00	0.20	--	0.10	--
SL0603260	--	1.9	--	1.0	--	1.00	0.20	--	0.10	--
SL0603300	--	1.9	--	1.0	--	1.20	0.20	--	0.10	--

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 _{i min} (Ω)	R _{1 max} (Ω)	UL	TUV
SL0603050		6	50	0.50	2.50	1.0	8.0	0.50	0.0200	0.3500		
SL0603100		6	50	1.00	3.00	1.0	8.0	0.50	0.0080	0.1200	✓	
SL0603150		6	50	1.50	3.50	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	✓	
SL0603200		6	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		

Order Information

Packaging

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

Recognition: SL0603100~150~175~200 UL Approved.

E201504/E319079



2015/863/EU



EN14582

