

**SEA&LAND ELECTRONIC CORP.**

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**Techfuse**  
**PTC Devices**  
 Resettable Fuse

PRODUCT: SL0805 series  
 DOCUMENT: QR0429  
 ECN. NO.:  
 REV LETTER:  
 REV DATE: 2025-2-17  
 PAGE NO.: 1 of 1

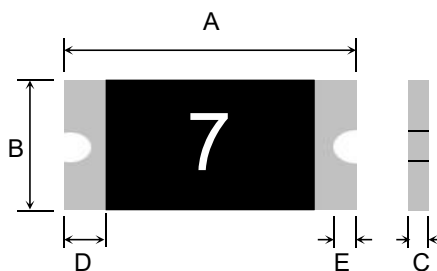
# Specification Sheet

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.	Min.
SL0805075	1.9	2.5	1.2	1.8	0.4	0.8	0.2	0.1
SL0805075-8V	1.9	2.5	1.2	1.8	0.4	0.8	0.2	0.1
SL0805075-12V	1.9	2.5	1.2	1.8	0.4	0.8	0.2	0.1
SL0805075-16V	1.9	2.5	1.2	1.8	0.4	0.8	0.2	0.1
SL0805110	1.9	2.5	1.2	1.8	0.4	0.8	0.2	0.1
SL0805110-8V	1.9	2.5	1.2	1.8	0.4	0.8	0.2	0.1
SL0805110-12V	1.9	2.5	1.2	1.8	0.4	1.0	0.2	0.1
SL0805110-16V	1.9	2.5	1.2	1.8	0.4	1.0	0.2	0.1
SL0805125	1.9	2.5	1.2	1.8	0.4	0.8	0.2	0.1
SL0805125-8V	1.9	2.5	1.2	1.8	0.4	0.8	0.2	0.1
SL0805125-12V	1.9	2.5	1.2	1.8	0.4	1.0	0.2	0.1
SL0805125-16V	1.9	2.5	1.2	1.8	0.4	1.0	0.2	0.1
SL0805150	1.9	2.5	1.2	1.8	0.4	0.8	0.2	0.1
SL0805150-8V	1.9	2.5	1.2	1.8	0.4	0.8	0.2	0.1
SL0805150-12V	1.9	2.5	1.2	1.8	0.4	1.0	0.2	0.1
SL0805150-16V	1.9	2.5	1.2	1.8	0.4	1.0	0.2	0.1
SL0805175	1.9	2.5	1.2	1.8	0.4	0.8	0.2	0.1
SL0805175-8V	1.9	2.5	1.2	1.8	0.4	0.8	0.2	0.1
SL0805175-12V	1.9	2.5	1.2	1.8	0.4	1.0	0.2	0.1
SL0805175-16V	1.9	2.5	1.2	1.8	0.4	1.0	0.2	0.1
SL0805200	1.9	2.5	1.2	1.8	0.5	1.0	0.2	0.1
SL0805200-8V	1.9	2.5	1.2	1.8	0.5	1.0	0.2	0.1
SL0805200-12V	1.9	2.5	1.2	1.8	0.5	1.2	0.2	0.1
SL0805200-16V	1.9	2.5	1.2	1.8	0.5	1.2	0.2	0.1
SL0805260	1.9	2.5	1.2	1.8	0.5	1.0	0.2	0.1
SL0805260-8V	1.9	2.5	1.2	1.8	0.5	1.0	0.2	0.1
SL0805260-12V	1.9	2.5	1.2	1.8	0.5	1.2	0.2	0.1
SL0805260-16V	1.9	2.5	1.2	1.8	0.5	1.2	0.2	0.1
SL0805300	1.9	2.5	1.2	1.8	0.5	1.0	0.2	0.1
SL0805300-8V	1.9	2.5	1.2	1.8	0.5	1.0	0.2	0.1
SL0805300-12V	1.9	2.5	1.2	1.8	0.5	1.2	0.2	0.1
SL0805300-16V	1.9	2.5	1.2	1.8	0.5	1.2	0.2	0.1
SL0805350	1.9	2.5	1.2	1.8	0.6	1.2	0.2	0.1
SL0805350-8V	1.9	2.5	1.2	1.8	0.6	1.2	0.2	0.1
SL0805350-12V	1.9	2.5	1.2	1.8	0.6	1.3	0.2	0.1
SL0805350-16V	1.9	2.5	1.2	1.8	0.6	1.3	0.2	0.1
SL0805380	1.9	2.5	1.2	1.8	0.6	1.2	0.2	0.1
SL0805380-8V	1.9	2.5	1.2	1.8	0.6	1.2	0.2	0.1
SL0805380-12V	1.9	2.5	1.2	1.8	0.6	1.3	0.2	0.1
SL0805380-16V	1.9	2.5	1.2	1.8	0.6	1.3	0.2	0.1

SL0805400	1.9	2.5	1.2	1.8	0.6	1.2	0.2	0.1
SL0805450	1.9	2.5	1.2	1.8	0.6	1.2	0.2	0.1
SL0805500	1.9	2.5	1.2	1.8	0.6	1.3	0.2	0.1
SL0805550	1.9	2.5	1.2	1.8	0.6	1.3	0.2	0.1
SL0805600	1.9	2.5	1.2	1.8	0.6	1.3	0.2	0.1
SL0805650	1.9	2.5	1.2	1.8	0.7	1.3	0.2	0.1
SL0805700	1.9	2.5	1.2	1.8	0.8	1.4	0.2	0.1
SL0805750	1.9	2.5	1.2	1.8	0.8	1.4	0.2	0.1
SL0805800	1.9	2.5	1.2	1.8	0.8	1.4	0.2	0.1

Unit:mm

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>i_min</sub> (Ω)	R <sub>1_max</sub> (Ω)	UL	TUV
SL0805075	7	6	50	0.75	2.80	1.0	8.0	0.3	0.0090	0.1500	✓	
SL0805075-8V	7	8	50	0.75	2.80	1.0	8.0	0.3	0.0090	0.1500	✓	
SL0805075-12V	7	12	50	0.75	2.80	1.0	8.0	0.3	0.0090	0.1500	✓	
SL0805075-16V	7	16	50	0.75	2.80	1.0	8.0	0.3	0.0090	0.1500	✓	
SL0805110	A	6	50	1.10	3.00	1.0	8.0	0.5	0.0080	0.1200	✓	
SL0805110-8V	A	8	50	1.10	3.00	1.0	8.0	0.5	0.0080	0.1200	✓	
SL0805110-12V	A	12	50	1.10	3.00	1.0	8.0	0.5	0.0080	0.1200	✓	
SL0805110-16V	A	16	50	1.10	3.00	1.0	8.0	0.5	0.0080	0.1200	✓	
SL0805125	B	6	50	1.25	2.50	1.0	8.0	1.0	0.0070	0.0600	✓	
SL0805125-8V	B	8	50	1.25	2.50	1.0	8.0	1.0	0.0070	0.0600	✓	
SL0805125-12V	B	12	50	1.25	2.50	1.0	8.0	1.0	0.0070	0.0600	✓	
SL0805125-16V	B	16	50	1.25	2.50	1.0	8.0	1.0	0.0070	0.0600	✓	
SL0805150	E	6	50	1.50	3.50	1.0	8.0	5.0	0.0060	0.0650	✓	
SL0805150-8V	E	8	50	1.50	3.50	1.0	8.0	5.0	0.0060	0.0650	✓	
SL0805150-12V	E	12	50	1.50	3.50	1.0	8.0	5.0	0.0060	0.0650	✓	
SL0805150-16V	E	16	50	1.50	3.50	1.0	8.0	5.0	0.0060	0.0650	✓	
SL0805175	G	6	50	1.75	3.50	1.0	8.0	5.0	0.0050	0.0550	✓	
SL0805175-8V	G	8	50	1.75	3.50	1.0	8.0	5.0	0.0050	0.0550	✓	
SL0805175-12V	G	12	50	1.75	3.50	1.0	8.0	5.0	0.0050	0.0550	✓	
SL0805175-16V	G	16	50	1.75	3.50	1.0	8.0	5.0	0.0050	0.0550	✓	
SL0805200	K	6	50	2.00	4.00	1.0	8.0	5.0	0.0040	0.0450	✓	
SL0805200-8V	K	8	50	2.00	4.00	1.0	8.0	5.0	0.0040	0.0450	✓	
SL0805200-12V	K	12	50	2.00	4.00	1.0	8.0	5.0	0.0040	0.0450	✓	
SL0805200-16V	K	16	50	2.00	4.00	1.0	8.0	5.0	0.0040	0.0450	✓	
SL0805260	L	6	50	2.60	5.20	1.0	12.0	5.0	0.0030	0.0350	✓	
SL0805260-8V	L	8	50	2.60	5.20	1.0	12.0	5.0	0.0030	0.0350	✓	
SL0805260-12V	L	12	50	2.60	5.20	1.0	12.0	5.0	0.0030	0.0350	✓	
SL0805260-16V	L	16	50	2.60	5.20	1.0	12.0	5.0	0.0030	0.0350	✓	
SL0805300	N	6	50	3.00	6.00	1.0	12.0	5.0	0.0030	0.0300	✓	
SL0805300-8V	N	8	50	3.00	6.00	1.0	12.0	5.0	0.0030	0.0300	✓	
SL0805300-12V	N	12	50	3.00	6.00	1.0	12.0	5.0	0.0030	0.0300	✓	
SL0805300-16V	N	16	50	3.00	6.00	1.0	12.0	5.0	0.0030	0.0300	✓	
SL0805350	N	6	50	3.50	7.00	1.0	12.0	5.0	0.0020	0.0250	✓	
SL0805350-8V	N	8	50	3.50	7.00	1.0	12.0	5.0	0.0020	0.0250	✓	
SL0805350-12V	N	12	50	3.50	7.00	1.0	12.0	5.0	0.0020	0.0250	✓	
SL0805350-16V	N	16	50	3.50	7.00	1.0	12.0	5.0	0.0020	0.0250	✓	
SL0805380	R	6	50	3.80	7.60	1.0	12.0	5.0	0.0020	0.0200	✓	
SL0805380-8V	R	8	50	3.80	7.60	1.0	12.0	5.0	0.0020	0.0200	✓	
SL0805380-12V	R	12	50	3.80	7.60	1.0	12.0	5.0	0.0020	0.0200	✓	
SL0805380-16V	R	16	50	3.80	7.60	1.0	12.0	5.0	0.0020	0.0200	✓	
SL0805400	R	6	50	4.00	8.00	1.2	16.0	5.0	0.0010	0.0180		
SL0805400-12V	R	12	50	4.00	8.00	1.2	16.0	5.0	0.0010	0.0180		

SL0805450	S	6	50	4.50	9.00	1.2	16.0	5.0	0.0010	0.0150		
SL0805500	T	6	50	5.00	10.00	1.2	16.0	5.0	0.0010	0.0120		
SL0805550	U	6	50	5.50	11.00	1.5	16.0	5.0	0.0008	0.0110		
SL0805600	W	6	50	6.00	12.00	1.5	20.0	5.0	0.0008	0.0100		
SL0805650	V	6	50	6.50	13.00	1.5	20.0	5.0	0.0008	0.0090		
SL0805700	X	6	50	7.00	14.00	1.5	20.0	5.0	0.0005	0.0090		
SL0805750	Y	6	50	7.50	15.00	1.6	30.0	5.0	0.0005	0.0080		
SL0805800	Z	6	50	8.00	16.00	1.6	30.0	5.0	0.0005	0.0070		

**Order Information**

**Packaging**

SL0805		075		Tape & Reel Quantity	
Product name	Hold	SL0805075-SL0805300 4000pcs/reel			
Size 2012 mm / 0805 mils	Current	SL0805350-SL0805800 3000pcs/reel			
SL: surface mount device	0.10A				

Recognition: SL0805075~110~125~150~175~200~260~300  
~350~380: UL Approved.

E201504/E319080



2015/863/EU



EN14582

