

SEA&LAND ELECTRONIC CORP.

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Techfuse
PTC Devices
Resettable Fuse

PRODUCT: SL0805 series
DOCUMENT: QR0429
ECN. NO.:
REV LETTER:
REV DATE: 2025/10/9
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

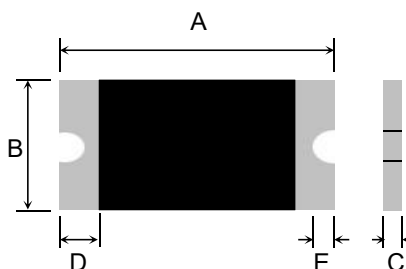


TABLE I. DIMENSIONS:

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	1.9	2.5	1.2	1.8	0.6	1.2	0.2	0.1
SL0805380	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	1.3	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 _{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
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	0.0850	✓	
SL0805125-8V	B	8	50	1.25	2.50	1.0	8.0	1.0	0.0070	0.0850	✓	
SL0805125-12V	B	12	50	1.25	2.50	1.0	8.0	1.0	0.0070	0.0850	✓	
SL0805125-16V	B	16	50	1.25	2.50	1.0	8.0	1.0	0.0070	0.0850	✓	
SL0805150	E	6	50	1.50	3.50	1.0	8.0	1.0	0.0060	0.0650	✓	
SL0805150-8V	E	8	50	1.50	3.50	1.0	8.0	1.0	0.0060	0.0650	✓	
SL0805150-12V	E	12	50	1.50	3.50	1.0	8.0	1.0	0.0060	0.0650	✓	
SL0805150-16V	E	16	50	1.50	3.50	1.0	8.0	1.0	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	6	50	4.00	8.00	1.2	16.0	5.0	0.0010	0.0180		

SL0805450	S	12	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	1.5	20.0	5.0	0.0005	0.0080		
SL0805800	Z	6	50	8.00	16.00	1.5	20.0	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

