

SEA&LAND ELECTRONIC CORP.

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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: SL1206 series
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER:
 REV DATE: 2025-2-18
 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

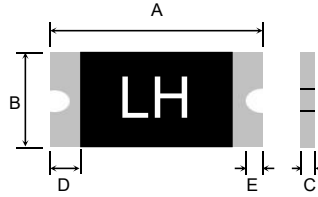


TABLE I. DIMENSIONS:

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
SL1206110	LH	3.00	3.50	1.50	1.85	0.40	0.80	0.25	0.10
SL1206125	LH	3.00	3.50	1.50	1.85	0.40	0.80	0.25	0.10
SL1206150	LJ	3.00	3.50	1.50	1.85	0.40	0.80	0.25	0.10
SL1206175	LJ	3.00	3.50	1.50	1.85	0.40	0.80	0.25	0.10
SL1206200	LK	3.00	3.50	1.50	1.85	0.40	0.80	0.25	0.10
SL1206200-8V	LK	3.00	3.50	1.50	1.85	0.40	0.80	0.25	0.10
SL1206200-12V	LK	3.00	3.50	1.50	1.85	0.40	1.00	0.25	0.10
SL1206200-16V	LK	3.00	3.50	1.50	1.85	0.40	1.00	0.25	0.10
SL1206230	LA	3.00	3.50	1.50	1.85	0.40	1.00	0.25	0.10
SL1206260	LB	3.00	3.50	1.50	1.85	0.40	1.00	0.25	0.10
SL1206260-8V	LB	3.00	3.50	1.50	1.85	0.40	1.00	0.25	0.10
SL1206260-12V	LB	3.00	3.50	1.50	1.85	0.40	1.00	0.25	0.10
SL1206260-16V	LB	3.00	3.50	1.50	1.85	0.40	1.00	0.25	0.10
SL1206300	LC	3.00	3.50	1.50	1.85	0.40	1.00	0.25	0.10
SL1206300-8V	LC	3.00	3.50	1.50	1.85	0.40	1.00	0.25	0.10
SL1206300-12V	LC	3.00	3.50	1.50	1.85	0.40	1.00	0.25	0.10
SL1206300-16V	LC	3.00	3.50	1.50	1.85	0.40	1.00	0.25	0.10
SL1206350	LD	3.00	3.50	1.50	1.85	0.50	1.00	0.25	0.10
SL1206350-8V	LD	3.00	3.50	1.50	1.85	0.50	1.00	0.25	0.10
SL1206350-12V	LD	3.00	3.50	1.50	1.85	0.60	1.30	0.25	0.10
SL1206350-16V	LD	3.00	3.50	1.50	1.85	0.60	1.30	0.25	0.10
SL1206380	LE	3.00	3.50	1.50	1.85	0.50	1.00	0.25	0.10
SL1206380-8V	LE	3.00	3.50	1.50	1.85	0.50	1.00	0.25	0.10
SL1206380-12V	LE	3.00	3.50	1.50	1.85	0.60	1.30	0.25	0.10
SL1206380-16V	LE	3.00	3.50	1.50	1.85	0.60	1.30	0.25	0.10
SL1206400	LE	3.00	3.50	1.50	1.85	0.50	1.00	0.25	0.10
SL1206400-8V	LE	3.00	3.50	1.50	1.85	0.50	1.00	0.25	0.10
SL1206400-12V	LE	3.00	3.50	1.50	1.85	0.60	1.30	0.25	0.10
SL1206400-16V	LE	3.00	3.50	1.50	1.85	0.60	1.30	0.25	0.10
SL1206450	LF	3.00	3.50	1.50	1.85	0.50	1.00	0.25	0.10
SL1206450-8V	LF	3.00	3.50	1.50	1.85	0.50	1.00	0.25	0.10
SL1206450-12V	LF	3.00	3.50	1.50	1.85	0.60	1.30	0.25	0.10
SL1206450-16V	LF	3.00	3.50	1.50	1.85	0.60	1.30	0.25	0.10
SL1206500	LG	3.00	3.50	1.50	1.85	0.60	1.30	0.25	0.10
SL1206500-8V	LG	3.00	3.50	1.50	1.85	0.60	1.30	0.25	0.10

SL1206500-12V	LG	3.00	3.50	1.50	1.85	0.60	1.30	0.25	0.10
SL1206500-16V	LG	3.00	3.50	1.50	1.85	0.60	1.30	0.25	0.10
SL1206550	LG	3.00	3.50	1.50	1.85	0.60	1.30	0.25	0.10
SL1206550-8V	LG	3.00	3.50	1.50	1.85	0.60	1.30	0.25	0.10
SL1206550-12V	LG	3.00	3.50	1.50	1.85	0.60	1.40	0.25	0.10
SL1206550-16V	LG	3.00	3.50	1.50	1.85	0.60	1.40	0.25	0.10
SL1206600	LP	3.00	3.50	1.50	1.85	0.60	1.30	0.25	0.10
SL1206650	LP	3.00	3.50	1.50	1.85	0.60	1.30	0.25	0.10
SL1206700	LQ	3.00	3.50	1.50	1.85	0.70	1.40	0.25	0.10
SL1206750	LQ	3.00	3.50	1.50	1.85	0.70	1.40	0.25	0.10
SL1206800	LR	3.00	3.50	1.50	1.85	0.80	1.40	0.25	0.10
SL1206850	LR	3.00	3.50	1.50	1.85	0.80	1.40	0.25	0.10
SL1206900	LS	3.00	3.50	1.50	1.85	0.80	1.50	0.25	0.10
SL1206950	LS	3.00	3.50	1.50	1.85	0.80	1.50	0.25	0.10
SL12061000	LT	3.00	3.50	1.50	1.85	0.80	1.50	0.25	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 _i min (Ω)	R _i typ (Ω)	UL	TUV
SL1206110	LH	6	50	1.10	3.00	1.2	8.0	0.5	0.0080	0.1000		
SL1206125	LH	6	50	1.25	3.00	1.2	8.0	1.0	0.0070	0.0600		
SL1206150	LI	6	50	1.50	3.50	1.2	8.0	5.0	0.0060	0.0600		
SL1206175	LJ	6	50	1.75	4.00	1.2	8.0	5.0	0.0050	0.0400		
SL1206200	LK	6	50	2.00	4.00	1.2	8.0	5.0	0.0040	0.0280	✓	
SL1206200-8V	LK	8	50	2.00	4.00	1.2	8.0	5.0	0.0040	0.0280	✓	
SL1206200-12V	LK	12	50	2.00	4.00	1.2	8.0	5.0	0.0040	0.0280	✓	
SL1206200-16V	LK	16	50	2.00	4.00	1.2	8.0	5.0	0.0040	0.0280	✓	
SL1206230	LA	6	50	2.30	4.60	1.2	8.0	5.0	0.0040	0.0240		
SL1206260	LB	6	50	2.60	5.20	1.2	12.0	5.0	0.0030	0.0220	✓	
SL1206260-8V	LB	8	50	2.60	5.20	1.2	12.0	5.0	0.0030	0.0220	✓	
SL1206260-12V	LB	12	50	2.60	5.20	1.2	12.0	5.0	0.0030	0.0220	✓	
SL1206260-16V	LB	16	50	2.60	5.20	1.2	12.0	5.0	0.0030	0.0220	✓	
SL1206300	LC	6	50	3.00	6.00	1.2	12.0	5.0	0.0030	0.0200	✓	
SL1206300-8V	LC	8	50	3.00	6.00	1.2	12.0	5.0	0.0030	0.0200	✓	
SL1206300-12V	LC	12	50	3.00	6.00	1.2	12.0	5.0	0.0030	0.0200	✓	
SL1206300-16V	LC	16	50	3.00	6.00	1.2	12.0	5.0	0.0030	0.0200	✓	
SL1206350	LD	6	50	3.50	7.00	1.2	12.0	5.0	0.0020	0.0180	✓	
SL1206350-8V	LD	8	50	3.50	7.00	1.2	12.0	5.0	0.0020	0.0180	✓	
SL1206350-12V	LD	12	50	3.50	7.00	1.2	12.0	5.0	0.0020	0.0180	✓	
SL1206350-16V	LD	16	50	3.50	7.00	1.2	12.0	5.0	0.0020	0.0180	✓	
SL1206380	LE	6	50	3.80	7.60	1.2	12.0	5.0	0.0020	0.0160	✓	
SL1206380-8V	LE	8	50	3.80	7.60	1.2	12.0	5.0	0.0020	0.0160	✓	
SL1206380-12V	LE	12	50	3.80	7.60	1.2	12.0	5.0	0.0020	0.0160	✓	
SL1206380-16V	LE	16	50	3.80	7.60	1.2	12.0	5.0	0.0020	0.0160	✓	
SL1206400	LE	6	50	4.00	8.00	1.5	16.0	5.0	0.0010	0.0160	✓	
SL1206400-8V	LE	8	50	4.00	8.00	1.5	16.0	5.0	0.0010	0.0160	✓	
SL1206400-12V	LE	12	50	4.00	8.00	1.5	16.0	5.0	0.0010	0.0160	✓	
SL1206400-16V	LE	16	50	4.00	8.00	1.5	16.0	5.0	0.0010	0.0160	✓	
SL1206450	LF	6	50	4.50	9.00	1.5	16.0	5.0	0.0010	0.0140	✓	
SL1206450-8V	LF	8	50	4.50	9.00	1.5	16.0	5.0	0.0010	0.0140	✓	
SL1206450-12V	LF	12	50	4.50	9.00	1.5	16.0	5.0	0.0010	0.0140	✓	
SL1206450-16V	LF	16	50	4.50	9.00	1.5	16.0	5.0	0.0010	0.0140	✓	
SL1206500	LG	6	50	5.00	10.00	1.5	16.0	5.0	0.0010	0.0120	✓	
SL1206500-8V	LG	8	50	5.00	10.00	1.5	16.0	5.0	0.0010	0.0120	✓	
SL1206500-12V	LG	12	50	5.00	10.00	1.5	16.0	5.0	0.0010	0.0120	✓	
SL1206500-16V	LG	16	50	5.00	10.00	1.5	16.0	5.0	0.0010	0.0120	✓	
SL1206550	LG	6	50	5.50	11.00	1.5	16.0	5.0	0.0010	0.0110	✓	
SL1206550-8V	LG	8	50	5.50	11.00	1.5	16.0	5.0	0.0010	0.0110	✓	
SL1206550-12V	LG	12	50	5.50	11.00	1.5	16.0	5.0	0.0010	0.0110	✓	
SL1206550-16V	LG	16	50	5.50	11.00	1.5	16.0	5.0	0.0010	0.0110	✓	
SL1206600	LP	6	50	6.00	12.00	1.5	20.0	5.0	0.0008	0.0100		
SL1206650	LP	6	50	6.50	13.00	1.5	20.0	5.0	0.0008	0.0090		
SL1206700	LQ	6	50	7.00	14.00	1.6	20.0	5.0	0.0005	0.0090		
SL1206750	LQ	6	50	7.50	15.00	1.6	20.0	5.0	0.0005	0.0080		
SL1206800	LR	6	50	8.00	16.00	1.6	20.0	5.0	0.0005	0.0070		
SL1206850	LR	6	50	8.50	17.00	1.6	20.0	5.0	0.0005	0.0070		
SL1206900	LS	6	50	9.00	18.00	1.8	30.0	5.0	0.0004	0.0060		
SL1206950	LS	6	50	9.50	19.00	1.8	30.0	5.0	0.0003	0.0060		

SL12061000	LT	6	50	10.00	20.00	1.8	30.0	5.0	0.0002	0.0050		
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Order Information

Packaging

SL1206			110		Tape & Reel Quantity	
Product name	Hold	Max	SL1206110-SL1206450 4000pcs/reel			
Size 3216 mm / 1206 mils	Current	voltage	SL1206500-SL12061000 3000pcs/reel			
SL: surface mount device	1.10A					

Recognition: SL1206110~260~300~350~380~400~450~~500~~550: UL Approved.

E201504/E319079



2015/863/EU



EN14582

