

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
 SMD1210-005 = αA

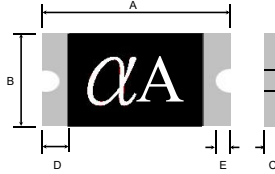


TABLE I. DIMENSIONS:

Model	Marking	A		B		C		D		E	
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
SMD1210-005	αA	3.00	3.43	2.35	2.80	0.40	0.90	0.30	0.10		
SMD1210-005-60V	αA	3.00	3.43	2.35	2.80	0.40	0.90	0.30	0.10		
SMD1210-010	αB	3.00	3.43	2.35	2.80	0.40	0.90	0.30	0.10		
SMD1210-010-60V	αB	3.00	3.43	2.35	2.80	0.40	0.90	0.30	0.10		
SMD1210-020	αC	3.00	3.43	2.35	2.80	0.40	0.90	0.30	0.10		
SMD1210-020-60V	αC	3.00	3.43	2.35	2.80	0.40	0.90	0.30	0.10		
SMD1210-025	αC	3.00	3.43	2.35	2.80	0.40	0.90	0.30	0.10		
SMD1210-025-60V	αC	3.00	3.43	2.35	2.80	0.50	1.20	0.30	0.10		
SMD1210-035	αD	3.00	3.43	2.35	2.80	0.40	0.90	0.30	0.10		
SMD1210-035-13.2V	αD	3.00	3.43	2.35	2.80	0.40	0.90	0.30	0.10		
SMD1210-035-16V	αD	3.00	3.43	2.35	2.80	0.40	0.90	0.30	0.10		
SMD1210-035-24V	αD	3.00	3.43	2.35	2.80	0.50	1.20	0.30	0.10		
SMD1210-050-6V	αF	3.00	3.43	2.35	2.80	0.40	0.90	0.30	0.10		
SMD1210-050	αF	3.00	3.43	2.35	2.80	0.40	0.90	0.30	0.10		
SMD1210-050-16V	αF	3.00	3.43	2.35	2.80	0.50	1.20	0.30	0.10		
SMD1210-050-24V	αF	3.00	3.43	2.35	2.80	0.50	1.20	0.30	0.10		
SMD1210-075	αG	3.00	3.43	2.35	2.80	0.40	0.90	0.30	0.10		
SMD1210-075-13.2V	αG	3.00	3.43	2.35	2.80	0.50	1.20	0.30	0.10		
SMD1210-075-16V	αG	3.00	3.43	2.35	2.80	0.50	1.20	0.30	0.10		
SMD1210-075-24V	αG	3.00	3.43	2.35	2.80	0.50	1.20	0.30	0.10		
SMD1210-100	αH	3.00	3.43	2.35	2.80	0.40	0.90	0.30	0.10		
SMD1210-100-13.2V	αH	3.00	3.43	2.35	2.80	0.50	1.20	0.30	0.10		
SMD1210-100-16V	αH	3.00	3.43	2.35	2.80	0.50	1.20	0.30	0.10		
SMD1210-110	αH	3.00	3.43	2.35	2.80	0.40	0.90	0.30	0.10		
SMD1210-110-13.2V	αH	3.00	3.43	2.35	2.80	0.50	1.20	0.30	0.10		
SMD1210-110-16V	αH	3.00	3.43	2.35	2.80	0.50	1.20	0.30	0.10		
SMD1210-150	αL	3.00	3.43	2.35	2.80	0.50	1.20	0.30	0.10		
SMD1210-150-13.2V	αL	3.00	3.43	2.35	2.80	0.50	1.20	0.30	0.10		
SMD1210-175	αN	3.00	3.43	2.35	2.80	0.50	1.20	0.30	0.10		
SMD1210-175-13.2V	αN	3.00	3.43	2.35	2.80	0.50	1.20	0.30	0.10		
SMD1210-200	αS	3.00	3.43	2.35	2.80	0.50	1.20	0.30	0.10		

Unit:mm

TABLE II. PERFORMANCE RATINGS:

Model	Marking	V _{max} (V)	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 (Ω)	R _{tp} (Ω)	UL	CQC
SMD1210-005	αA	30	100	0.05	0.15	0.6	0.25	1.50	2.800	50.000	✓	✓
SMD1210-005-60V	αA	60	100	0.05	0.15	0.6	0.25	1.50	2.800	50.000	✓	✓
SMD1210-010	αB	30	100	0.10	0.30	0.6	0.50	0.60	0.800	15.000	✓	✓
SMD1210-010-60V	αB	60	100	0.10	0.30	0.6	0.50	0.60	0.800	15.000	✓	✓
SMD1210-020	αC	30	100	0.20	0.40	0.6	8.0	0.02	0.400	5.000	✓	✓
SMD1210-020-60V	αC	60	100	0.20	0.40	0.6	8.0	0.02	0.400	5.000	✓	✓
SMD1210-025	αC	30	100	0.25	0.50	0.6	8.0	0.02	0.400	4.500	✓	✓
SMD1210-025-60V	αC	60	100	0.25	0.50	0.6	8.0	0.02	0.400	4.500	✓	✓
SMD1210-035	αD	6	100	0.35	0.75	0.6	8.0	0.20	1.300	1.300	✓	✓
SMD1210-035-13.2V	αD	13.2	100	0.35	0.75	0.6	8.0	0.20	0.200	1.300	✓	✓
SMD1210-035-16V	αD	16	100	0.35	0.75	0.6	8.0	0.20	0.200	1.300	✓	✓
SMD1210-035-24V	αD	24	100	0.35	0.75	0.6	8.0	0.20	0.200	1.300	✓	✓
SMD1210-050-6V	αF	6	100	0.50	1.00	0.6	8.0	0.10	0.180	0.900	✓	✓
SMD1210-050	αF	13.2	100	0.50	1.00	0.6	8.0	0.10	0.180	0.900	✓	✓
SMD1210-050-16V	αF	16	100	0.50	1.00	0.6	8.0	0.10	0.180	0.900	✓	✓
SMD1210-050-24V	αF	24	100	0.50	1.00	0.6	8.0	0.10	0.180	0.900	✓	✓
SMD1210-075	αG	6	100	0.75	1.50	0.6	8.0	0.10	0.070	0.400	✓	✓
SMD1210-075-13.2V	αG	13.2	100	0.75	1.50	0.6	8.0	0.10	0.070	0.400	✓	✓
SMD1210-075-16V	αG	16	100	0.75	1.50	0.6	8.0	0.10	0.070	0.400	✓	✓
SMD1210-075-24V	αG	24	100	0.75	1.50	0.6	8.0	0.10	0.070	0.400	✓	✓
SMD1210-100	αH	6	100	1.00	2.00	0.6	8.0	0.30	0.050	0.230	✓	✓
SMD1210-100-13.2V	αH	13.2	100	1.00	2.00	0.6	8.0	0.30	0.050	0.230	✓	✓
SMD1210-100-16V	αH	16	100	1.00	2.00	0.6	8.0	0.30	0.050	0.230	✓	✓
SMD1210-110	αH	6	100	1.10	2.20	0.6	8.0	0.30	0.050	0.210	✓	✓
SMD1210-110-13.2V	αH	13.2	100	1.10	2.20	0.6	8.0	0.30	0.050	0.210	✓	✓
SMD1210-110-16V	αH	16	100	1.10	2.20	0.6	8.0	0.30	0.050	0.210	✓	✓
SMD1210-150	αL	6	100	1.50	3.00	0.6	8.0	0.50	0.030	0.110	✓	✓
SMD1210-150-13.2V	αL	13.2	100	1.50	3.00	0.6	8.0	0.50	0.030	0.110	✓	✓
SMD1210-175	αN	6	100	1.75	3.50	0.8	8.0	0.60	0.020	0.080	✓	✓
SMD1210-175-13.2V	αN	13.2	100	1.75	3.50	0.8	8.0	0.60	0.020	0.080	✓	✓
SMD1210-200	αS	6	100	2.00	4.00	0.8	8.0	1.00	0.015	0.070	✓	✓

Order Information

Packaging

SMD1210	010	Tape & Reel Quantity	
Product name	Hold	Max	050,075 4000 pcs/reel
Size 3225 mm / 1210 mils	Current	voltage	The others 4500 pcs/reel
SMD: surface mount device	0.10A		

Agency Approvals :  E201504(Alpha-Top)/E319079(Sea&Land)



CQC25001473187

GB 4943.1-2022;IEC 60730-1 : 2013 15 · 17 · J.15 · J.17;GB/T 7153-2002

Regulation/Standard:  2015/863/EU



EN14582