



SMD PTC RESETTABLE FUSE

KLS5-SMD1210 (SMD 1210 PTC RESETTABLE FUSE)

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

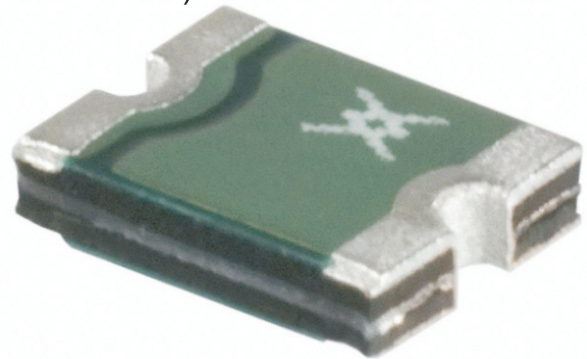


TABLE I. DIMENSIONS:(Unit:mm)

Model	Marking	A		B		C		D
		Min.	Max.	Min.	Max.	Min.	Max.	Min.
SMD1210-005	αA	3.00	3.43	2.35	2.80	0.30	0.80	0.30
SMD1210-010	αB	3.00	3.43	2.35	2.80	0.30	0.80	0.30
SMD1210-020	αC	3.00	3.43	2.35	2.80	0.30	0.80	0.30
SMD1210-035	αD	3.00	3.43	2.35	2.80	0.30	0.80	0.30
SMD1210-050	αF	3.00	3.43	2.35	2.80	0.30	0.80	0.30
SMD1210-075	αG	3.00	3.43	2.35	2.80	0.30	0.80	0.30
SMD1210-110	αH	3.00	3.43	2.35	2.80	0.30	0.80	0.30
SMD1210-150	αL	3.00	3.43	2.35	2.80	0.40	0.80	0.30
SMD1210-175	αN	3.00	3.43	2.35	2.80	0.40	0.80	0.30
SMD1210-200	αS	3.00	3.43	2.35	2.80	0.50	1.20	0.30

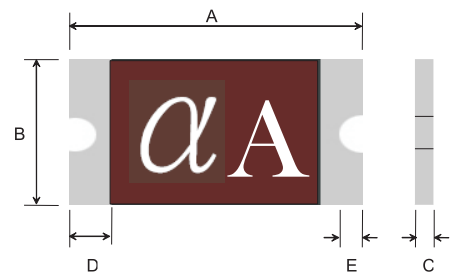


TABLE II. PERFORMANCE RATINGS:

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		
							Current (A)	Time (Sec)	P _{i_min} (Ω)	P _{i_typ} (Ω)	P _{i_max} (Ω)
SMD1210-005	αA	30	100	0.05	0.15	0.6	0.25	1.50	2.800	25.000	50.000
SMD1210-010	αB	30	100	0.10	0.30	0.6	0.50	0.60	0.800	5.000	15.000
SMD1210-020	αC	30	100	0.20	0.40	0.6	8.0	0.02	0.400	2.000	5.000
SMD1210-035	αD	6	100	0.35	0.75	0.6	8.0	0.20	0.200	0.550	1.300
SMD1210-050	αF	13.2	100	0.50	1.00	0.6	8.0	0.10	0.180	0.400	0.900
SMD1210-075	αG	6	100	0.75	1.50	0.6	8.0	0.10	0.070	0.130	0.400
SMD1210-110	αH	6	100	1.10	2.20	0.6	8.0	0.30	0.050	0.100	0.210
SMD1210-150	αL	6	100	1.50	3.00	0.6	8.0	0.50	0.030	0.070	0.110
SMD1210-175	αN	6	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

Product NO.: **KLS5-SMD1210-010**

