

SMD PTC RESETTABLE FUSE

KLS5-SMD1812 (SMD 1812 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:

α Alpha Logo
110 Part Identification

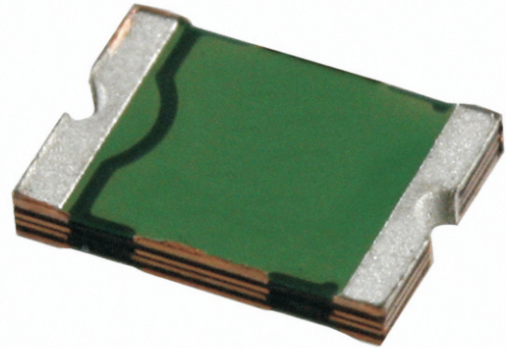


TABLE I. DIMENSIONS:(Unit:mm)

Model	A		B		C		D	E
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
SMD1812-010	4.37	4.73	3.07	3.41	0.50	1.00	0.30	0.25
SMD1812-014	4.37	4.73	3.07	3.41	0.50	1.00	0.30	0.25
SMD1812-020	4.37	4.73	3.07	3.41	0.50	1.00	0.30	0.25
SMD1812-030	4.37	4.73	3.07	3.41	0.50	1.00	0.30	0.25
SMD1812-050	4.37	4.73	3.07	3.41	0.40	0.90	0.30	0.25
SMD1812-075	4.37	4.73	3.07	3.41	0.40	0.90	0.30	0.25
SMD1812-110	4.37	4.73	3.07	3.41	0.4/0.6	0.9/1.3	0.30	0.25
SMD1812-125	4.37	4.73	3.07	3.41	0.3/0.6	0.8/1.3	0.30	0.25
SMD1812-150	4.37	4.73	3.07	3.41	0.30	0.80	0.30	0.25
SMD1812-160	4.37	4.73	3.07	3.41	0.30	0.80	0.30	0.25
SMD1812-200	4.37	4.73	3.07	3.41	0.40	0.80	0.30	0.25
SMD1812-260	4.37	4.73	3.07	3.41	0.50	1.10	0.30	0.25
SMD1812-300	4.37	4.73	3.07	3.41	0.50	1.20	0.30	0.25
SMD1812-350	4.37	4.73	3.07	3.41	0.50	1.20	0.30	0.25

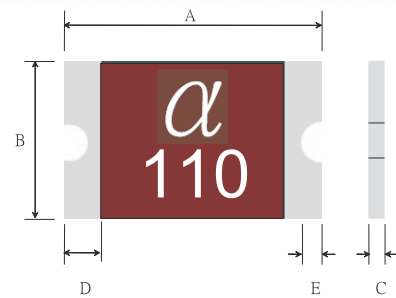


TABLE II. PERFORMANCE RATINGS:

Model	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)
SMD1812-014	60.0	100	0.14	0.34	0.8	1.5	0.15	0.650	1.500	6.000
SMD1812-020	30.0	100	0.20	0.40	0.8	8.0	0.02	0.350	0.800	5.000
SMD1812-030	30.0	100	0.30	0.60	0.8	8.0	0.10	0.250	0.350	3.000
SMD1812-050	15.0	100	0.50	1.00	0.8	8.0	0.15	0.150	0.250	1.000
SMD1812-075	13.2	100	0.75	1.50	0.8	8.0	0.20	0.090	0.150	0.450
SMD1812-110	8.0	100	1.10	2.20	0.8	8.0	0.30	0.050	0.065	0.250
SMD1812-110-16V	16.0	100	1.10	2.20	0.8	8.0	0.30	0.050	0.065	0.250
SMD1812-125	16.0	100	1.25	2.50	0.8	8.0	0.40	0.050	0.075	0.140
SMD1812-150	8.0	100	1.50	3.00	0.8	8.0	0.50	0.040	0.055	0.160
SMD1812-150-16V	16.0	100	1.50	3.00	0.8	8.0	0.50	0.040	0.055	0.160
SMD1812-160	8.0	100	1.60	2.80	0.8	8.0	1.00	0.030	0.050	0.130
SMD1812-200	8.0	100	2.00	4.00	0.8	8.0	2.00	0.020	0.032	0.100
SMD1812-260	8.0	100	2.60	5.00	0.8	8.0	2.50	0.015	0.027	0.050
SMD1812-300	8.0	100	3.00	5.00	0.8	8.0	4.00	0.012	0.027	0.040
SMD1812-350	6.0	100	3.50	6.00	2.0	10.0	4.00	0.008	-	0.030

ORDER INFORMATION

Product NO.: KLS5-SMD1812-010

