



## SMD PTC RESETTABLE FUSE

### KLS5-SMD1206 (SMD 1206 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  
SMD1206-005 = α Z

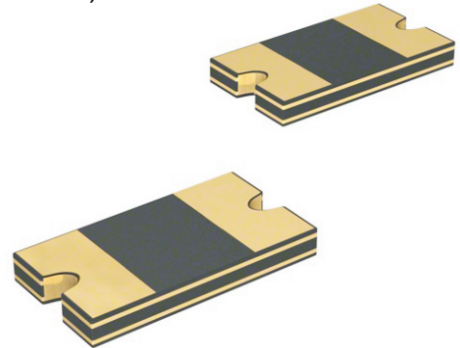


TABLE I. DIMENSIONS:(Unit:mm)

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
SMD1206-005	α Z	3.00	3.50	1.50	1.80	0.60	1.10	0.15	0.10
SMD1206-010	α N	3.00	3.50	1.50	1.80	0.60	1.10	0.15	0.10
SMD1206-020	α A	3.00	3.50	1.50	1.80	0.40	0.90	0.15	0.10
SMD1206-025	α A	3.00	3.50	1.50	1.80	0.40	0.90	0.15	0.10
SMD1206-035	α B	3.00	3.50	1.50	1.80	0.40	0.90	0.15	0.10
SMD1206-050	α F	3.00	3.50	1.50	1.80	0.35	0.85	0.15	0.10
SMD1206-050-13.2V	α F	3.00	3.50	1.50	1.80			0.15	0.10
SMD1206-075	α G	3.00	3.50	1.50	1.80	0.30	0.80	0.15	0.10
SMD1206-075 双层	α G	3.00	3.50	1.50	1.80	0.50	1.20	0.15	0.10
SMD1206-100	α H	3.00	3.50	1.50	1.80	0.40	0.80	0.15	0.10
SMD1206-110	α H	3.00	3.50	1.50	1.80	0.40	0.80	0.15	0.10
SMD1206-150	α I	3.00	3.50	1.50	1.80	0.50	1.20	0.15	0.10
SMD1206-200	α K	3.00	3.50	1.50	1.80	0.50	1.20	0.15	0.10

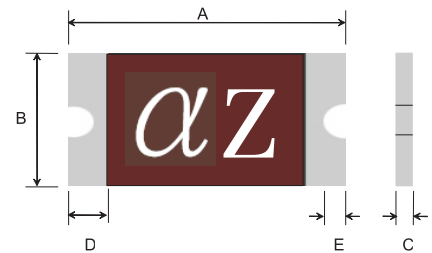


TABLE II. PERFORMANCE RATINGS:

Model	Mar king	V <sub>max</sub> (V)	I <sub>max</sub> (A)	I <sub>hold</sub> @25°C (A)	I <sub>trtp</sub> @25°C (A)	P <sub>d</sub> Typ. (W)	Maximum Time To Trip		Resistance		
							Current (A)	Time (Sec)	Pi <sub>min</sub> (Ω)	Pi <sub>typ</sub> (Ω)	Pi <sub>max</sub> (Ω)
SMD1206-005	α Z	60	100	0.05	0.15	0.4	0.25	1.5	3.600	10.000	50.000
SMD1206-010	α N	60.0	100	0.10	0.25	0.4	0.5	1.00	1.600	6.000	15.000
SMD1206-020	α A	30.0	100	0.20	0.40	0.6	8.0	0.08	0.350	0.480	2.500
SMD1206-025	α A	16.0	100	0.25	0.50	0.6	8.0	0.08	0.350	0.480	2.500
SMD1206-035	α B	6.0	100	0.35	0.75	0.6	8.0	0.10	0.250	0.380	1.300
SMD1206-050	α F	6.0	100	0.50	1.00	0.6	8.0	0.10	0.150	0.300	0.700
SMD1206-050-13.2V	α F	13.2	100	0.50	1.00	0.6	8.0	0.10	0.150	0.300	0.700
SMD1206-075	α G	6.0	100	0.75	1.50	0.6	8.0	0.20	0.090	0.160	0.500
SMD1206-100	α H	6.0	100	1.00	1.80	0.6	8.0	0.30	0.055	0.100	0.270
SMD1206-110	α H	6.0	100	1.10	2.20	0.6	8.0	0.30	0.050	0.100	0.250
SMD1206-150	α I	6.0	100	1.50	3.00	0.8	8.0	1.00	0.040	0.070	0.130
SMD1206-200	α K	6.0	100	2.00	3.50	0.8	8.0	1.50	0.018	0.070	0.080

## ORDER INFORMATION

Product NO.: KLS5-SMD1206-010

