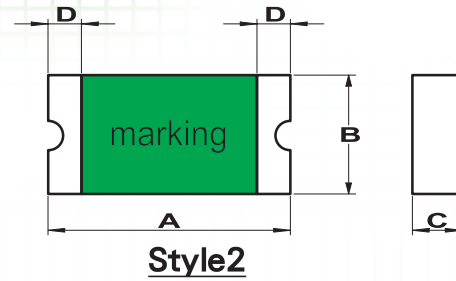
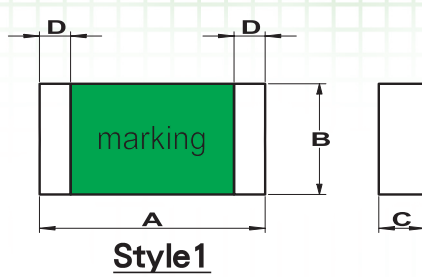


Construction and Dimensions



Unit:mm

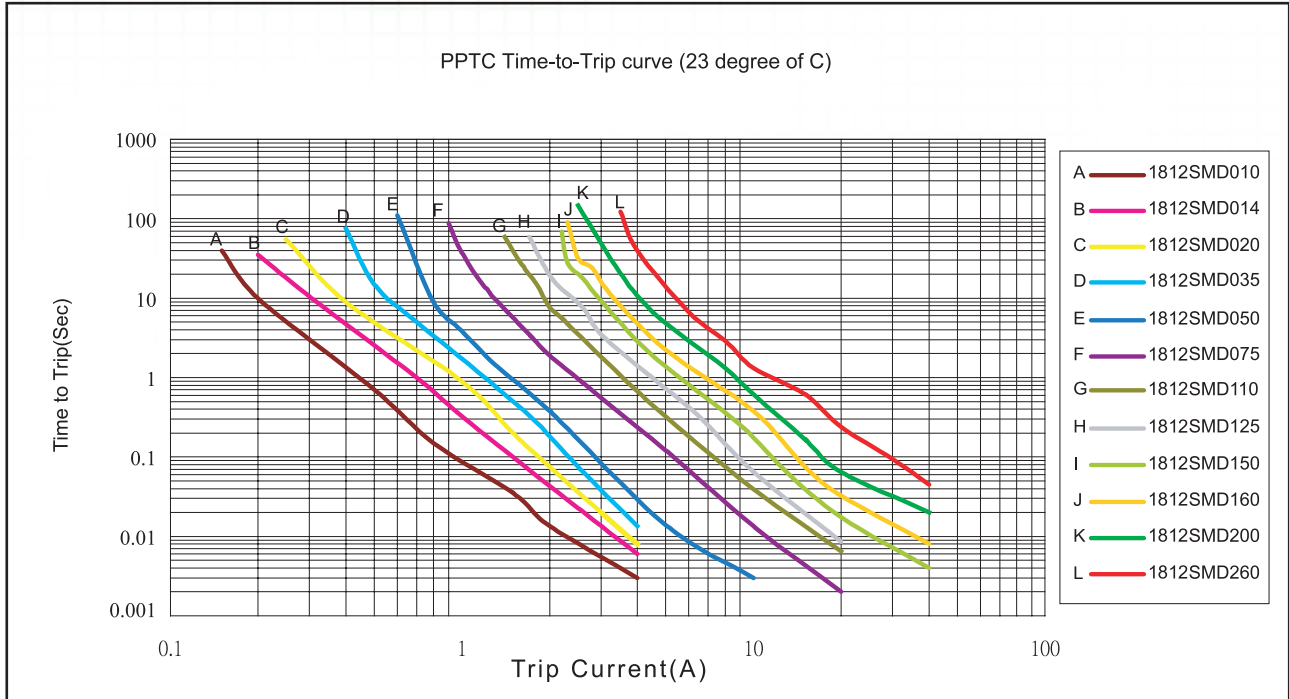
Model	A		B		C		D	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
1812SMD010	4.25	4.80	3.00	3.50	0.25	2.00	0.30	1.00
1812SMD014	4.25	4.80	3.00	3.50	0.25	2.00	0.30	1.00
1812SMD020	4.25	4.80	3.00	3.50	0.25	1.80	0.30	1.00
1812SMD035	4.25	4.80	3.00	3.50	0.25	1.50	0.30	1.00
1812SMD050	4.25	4.80	3.00	3.50	0.25	1.30	0.30	1.00
1812SMD075	4.25	4.80	3.00	3.50	0.25	1.30	0.30	1.00
1812SMD075/24	4.25	4.80	3.00	3.50	0.25	1.30	0.30	1.00
1812SMD110	4.25	4.80	3.00	3.50	0.25	1.30	0.30	1.00
1812SMD110/16	4.25	4.80	3.00	3.50	0.25	2.00	0.30	1.00
1812SMD125	4.25	4.80	3.00	3.50	0.30	1.50	0.30	1.00
1812SMD150	4.25	4.80	3.00	3.50	0.30	1.50	0.30	1.00
1812SMD160	4.25	4.80	3.00	3.50	0.30	1.50	0.30	1.00
1812SMD200	4.25	4.80	3.00	3.50	0.80	3.00	0.30	1.00
1812SMD260	4.25	4.80	3.00	3.50	0.80	3.00	0.30	1.00

Electrical Characteristics at 23°C :

Model	V _{max} (Volts)	I _{max} (Amps)	I _{hold} (Amps)	I _{rip} (Amps)	R _{min} (Ω)	R _{max} (Ω)	R _{I max} (Ω)	P _(d) (Watts)	Style
1812SMD010	30.0	10	0.10	0.30	0.700	7.00	17.0	0.8	1
1812SMD014	60.0	10	0.14	0.34	0.600	4.00	8.0	0.8	1
1812SMD020	30.0	10	0.20	0.40	0.400	2.90	6.0	0.8	1
1812SMD035	6.0	40	0.35	0.75	0.200	0.80	3.00	0.8	1
1812SMD050	15.0	40	0.50	1.00	0.150	0.60	1.20	0.8	1
1812SMD075	13.2	40	0.75	1.50	0.070	0.26	0.60	0.8	1
1812SMD110	6.0	40	1.10	2.20	0.040	0.15	0.40	0.8	1
1812SMD110/16	16.0	40	1.10	2.20	0.040	0.15	0.40	0.8	1
1812SMD125	6.0	40	1.25	2.50	0.040	0.08	0.25	0.8	2
1812SMD150	6.0	40	1.50	3.00	0.020	0.06	0.20	0.9	2
1812SMD160	6.0	40	1.60	3.20	0.020	0.05	0.20	1.0	2
1812SMD200	6.0	40	2.00	4.00	0.015	0.05	0.15	1.2	2
1812SMD260	6.0	40	2.60	5.20	0.010	0.03	0.10	1.3	

* Definition of electrical characteristics refer to page 6.

Typical Time to Trip Curves at 23°C :



Thermal Derating Chart

Unit:Amps

TEMP(°C)	-40	-20	0	23	40	50	60	70	85
1812SMD010	0.15	0.13	0.11	0.10	0.08	0.08	0.07	0.06	0.05
1812SMD014	0.20	0.18	0.16	0.14	0.12	0.11	0.10	0.08	0.07
1812SMD020	0.29	0.26	0.23	0.20	0.17	0.16	0.14	0.13	0.11
1812SMD035	0.50	0.45	0.40	0.35	0.29	0.26	0.24	0.21	0.19
1812SMD050	0.71	0.66	0.59	0.50	0.43	0.40	0.37	0.31	0.28
1812SMD075	1.00	0.95	0.89	0.75	0.65	0.60	0.54	0.46	0.41
1812SMD075/24	1.00	0.95	0.89	0.75	0.65	0.60	0.54	0.46	0.41
1812SMD110	1.55	1.40	1.30	1.10	0.95	0.88	0.80	0.70	0.61
1812SMD110/16	1.55	1.40	1.30	1.10	0.95	0.88	0.80	0.70	0.61
1812SMD125	1.80	1.60	1.40	1.25	1.10	1.00	0.90	0.80	0.70
1812SMD150	2.05	1.95	1.75	1.50	1.30	1.20	1.10	0.93	0.85
1812SMD160	2.25	2.00	1.85	1.60	1.40	1.29	1.20	0.95	0.90
1812SMD200	2.90	2.60	2.30	2.00	1.70	1.60	1.40	1.25	1.10
1812SMD260	3.65	3.30	2.95	2.60	2.21	2.05	1.83	1.64	1.43