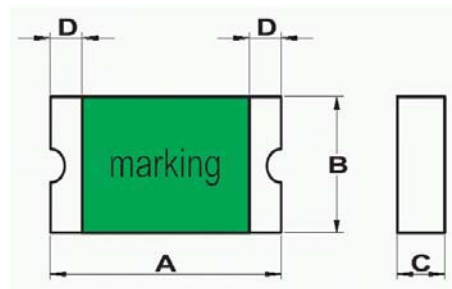


PPTC RESETTABLE FUSE**SMD Type-0805 Series****Construction and Dimension:**

Unit:mm

Model	A		B		C		D	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
0805SMD010	2.00	2.20	1.20	1.50	0.40	2.00	0.10	0.70
0805SMD020	2.00	2.20	1.20	1.50	0.40	1.80	0.10	0.70
0805SMD035	2.00	2.20	1.20	1.50	0.40	1.80	0.10	0.70
0805SMD050	2.00	2.20	1.20	1.50	0.40	1.70	0.10	0.70
0805SMD075	2.00	2.20	1.20	1.50	0.40	2.00	0.10	0.70

Electrical Characteristics at 23⁰C:

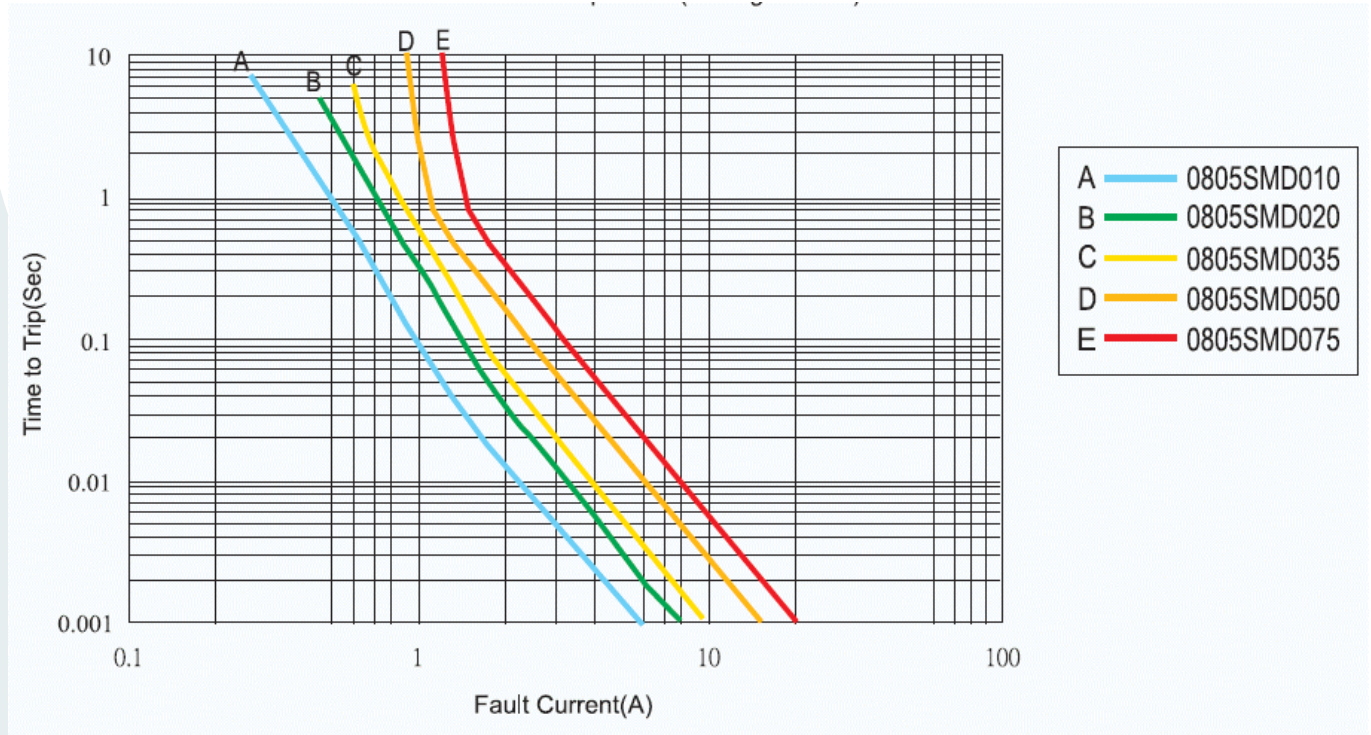
Model	V max (Volts)	I max (Amps)	I hold (Amps)	I trip (Amps)	R min (Ω)	R max (Ω)	R1 max (Ω)	P (d) (Watts)
0805SMD010	15.0	40	0.10	0.30	0.90	3.50	8.00	0.5
0805SMD020	9.0	40	0.20	0.50	0.50	2.00	4.00	0.5
0805SMD035	6.0	40	0.35	0.75	0.20	0.75	1.80	0.5
0805SMD050	6.0	40	0.50	1.00	0.10	0.50	1.60	0.5
0805SMD075	6.0	40	0.75	1.50	0.06	0.25	0.60	0.6

PPTC RESETTABLE FUSE

SMD Type-0805 Series

Construction and Dimension:

Typical Time to Trip Curves at 23⁰C



Thermal Derating Chart

TEMP(°C)	- 40	- 20	0	23	40	50	60	70	85
0805SMD010	0.16	0.14	0.12	0.10	0.08	0.07	0.06	0.05	0.04
0805SMD020	0.29	0.26	0.23	0.20	0.16	0.14	0.13	0.12	0.11
0805SMD035	0.50	0.45	0.40	0.35	0.28	0.25	0.22	0.20	0.17
0805SMD050	0.72	0.65	0.57	0.50	0.40	0.35	0.31	0.29	0.25
0805SMD075	1.02	0.92	0.80	0.75	0.62	0.58	0.47	0.42	0.37