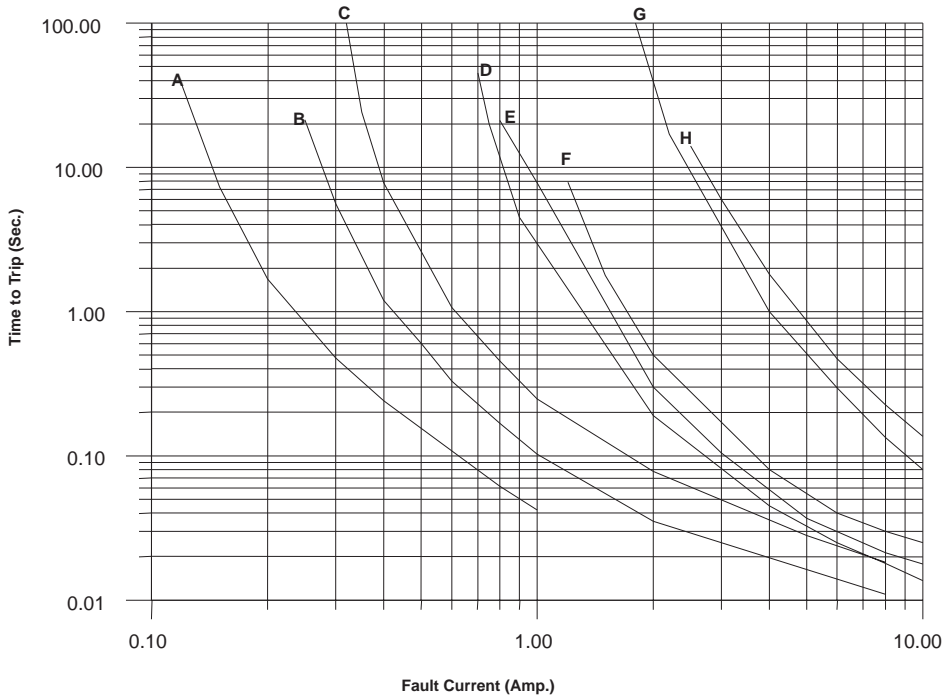


## SMD1210



- A: SMD1210P005TS/TF
- B: SMD1210P010TS/TF
- C: SMD1210P020TS/TF
- D: SMD1210P035TS/TF
- E: SMD1210P050TS/TF
- F: SMD1210P075TS/TF
- G: SMD1210P110TS/TF
- H: SMD1210P150TS/TF

### Thermal Derating Chart

Model	Ambient Operation Temperature - $I_{hold}$ (A)								
	-40 °C	-20 °C	0 °C	23 °C	40 °C	50 °C	60 °C	70 °C	85 °C
SMD1210P005TS/TF	0.08	0.07	0.06	0.05	0.04	0.04	0.03	0.03	0.02
SMD1210P010TS/TF	0.16	0.14	0.12	0.10	0.08	0.07	0.06	0.05	0.03
SMD1210P020TS/TF	0.29	0.26	0.22	0.20	0.16	0.14	0.13	0.11	0.08
SMD1210P035TS/TF	0.47	0.45	0.40	0.35	0.33	0.28	0.24	0.21	0.18
SMD1210P050TS/TF	0.76	0.67	0.58	0.50	0.43	0.40	0.36	0.32	0.28
SMD1210P075TS/TF	1.00	0.97	0.86	0.75	0.64	0.59	0.54	0.48	0.40
SMD1210P110TS/TF	1.69	1.48	1.29	1.10	0.88	0.76	0.65	0.57	0.43
SMD1210P150TS/TF	2.13	1.92	1.71	1.50	1.26	1.14	1.01	0.89	0.71

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