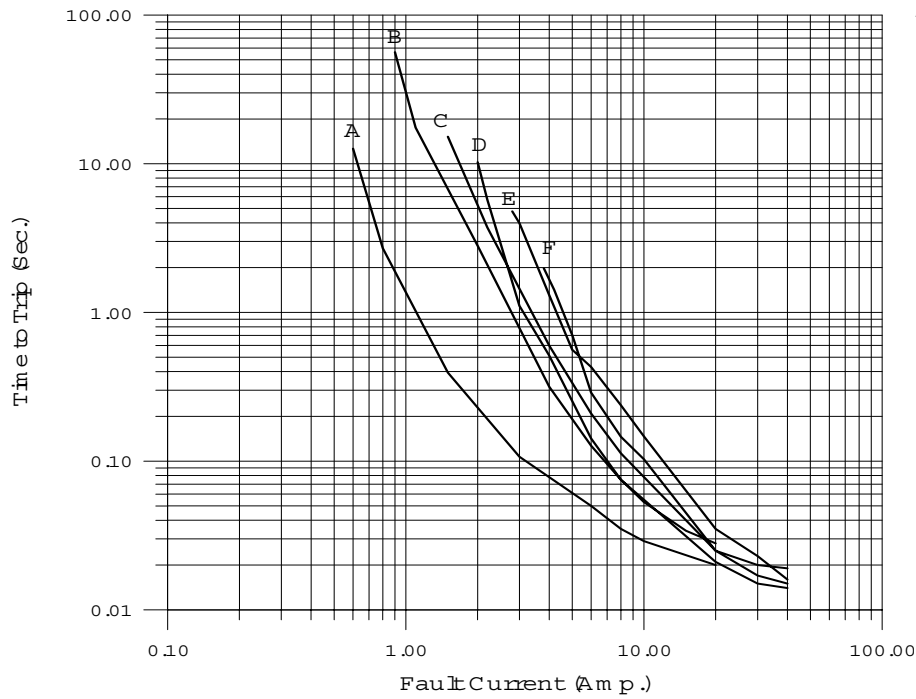


SMD2016



- A: SMD2016P030TF
- B: SMD2016P050TF
- C: SMD2016P100TF
- D: SMD2016P100TF/33
- E: SMD2016P150TF
- F: SMD2016P200TF

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 |
| SMD2016P030TF | 0.45 | 0.40 | 0.35 | 0.30 | 0.25 | 0.23 | 0.20 | 0.18 | 0.14 |
| SMD2016P050TF | 0.93 | 0.80 | 0.65 | 0.50 | 0.38 | 0.32 | 0.25 | 0.19 | 0.09 |
| SMD2016P100TF | 1.66 | 1.47 | 1.29 | 1.10 | 0.91 | 0.83 | 0.73 | 0.64 | 0.50 |
| SMD2016P100TF/33 | 1.66 | 1.47 | 1.29 | 1.10 | 0.91 | 0.83 | 0.73 | 0.64 | 0.50 |
| SMD2016P150TF | 2.26 | 2.00 | 1.76 | 1.50 | 1.24 | 1.13 | 1.00 | 0.87 | 0.68 |
| SMD2016P200TF | 2.80 | 2.50 | 2.19 | 2.00 | 1.84 | 1.74 | 1.50 | 1.34 | 1.14 |

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