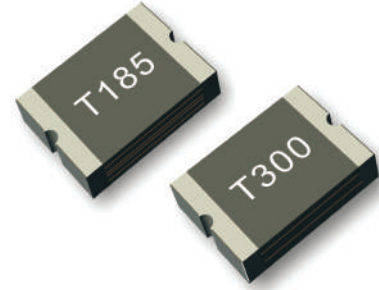


Features

- ◆ Surface Mount Devices
- ◆ Standard 7555mm(2920mils) footprint
- ◆ Surface mount packaging for automated assembly
- ◆ Compatible with Pb and Pb-free solder re flow profiles.
- ◆ RoHS, Reach, HF compliance

Applications

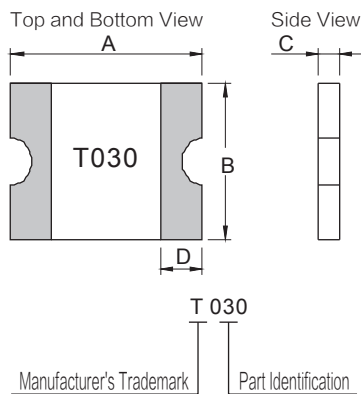
- ◆ Computer mother board, Modem
- ◆ Industrial controls
- ◆ IEEE ports
- ◆ Portable electronics



电气特性：

| P/N | 保持电流 | 跳脱电流 | 最大电压 | 最大电流 | 最大动作时间 | | 消耗功率 | 电阻范围 (Ω) | |
|------------|-----------|-----------|---------------|---------------|--------|--------|----------------|-----------|------------|
| | I_H (A) | I_T (A) | V_{max} (V) | I_{max} (A) | (A) | (Sec.) | Pd_{typ} (W) | R_{min} | $R1_{max}$ |
| LSMD030 | 0.30 | 0.60 | 60 | 10 | 1.5 | 3.0 | 1.5 | 0.600 | 4.300 |
| LSMD050 | 0.50 | 1.00 | 60 | 10 | 2.5 | 3.0 | 1.5 | 0.180 | 1.400 |
| LSMD075 | 0.75 | 1.50 | 33 | 40 | 8.0 | 0.3 | 1.5 | 0.100 | 1.000 |
| LSMD100 | 1.00 | 2.00 | 33 | 40 | 8.0 | 0.5 | 1.5 | 0.065 | 0.410 |
| LSMD125 | 1.25 | 2.50 | 33 | 40 | 8.0 | 2.0 | 1.5 | 0.050 | 0.250 |
| LSMD150 | 1.50 | 3.00 | 33 | 40 | 8.0 | 2.0 | 1.5 | 0.035 | 0.230 |
| LSMD185 | 1.85 | 3.70 | 33 | 40 | 8.0 | 2.0 | 1.5 | 0.030 | 0.150 |
| LSMD200 | 2.00 | 4.00 | 16 | 40 | 8.0 | 4.5 | 1.5 | 0.025 | 0.120 |
| LSMD250 | 2.50 | 5.00 | 16 | 40 | 8.0 | 16.0 | 1.5 | 0.018 | 0.085 |
| LSMD260 | 2.60 | 5.20 | 16 | 40 | 8.0 | 18.0 | 1.5 | 0.014 | 0.075 |
| LSMD260/24 | 2.60 | 5.20 | 24 | 40 | 8.0 | 18.0 | 1.5 | 0.014 | 0.075 |
| LSMD300 | 3.00 | 6.00 | 12 | 40 | 8.0 | 20.0 | 1.5 | 0.010 | 0.055 |
| LSMD300/24 | 3.00 | 6.00 | 24 | 40 | 8.0 | 20.0 | 1.5 | 0.010 | 0.055 |
| LSMD400 | 4.00 | 8.00 | 12 | 40 | 8.0 | 50.0 | 1.5 | 0.007 | 0.035 |
| LSMD450 | 4.50 | 9.00 | 16 | 40 | 22.5 | 5.0 | 1.5 | 0.005 | 0.020 |
| LSMD500 | 5.00 | 10.00 | 12 | 40 | 25.0 | 25.0 | 1.5 | 0.005 | 0.018 |

产品尺寸 (Unit: mm) :

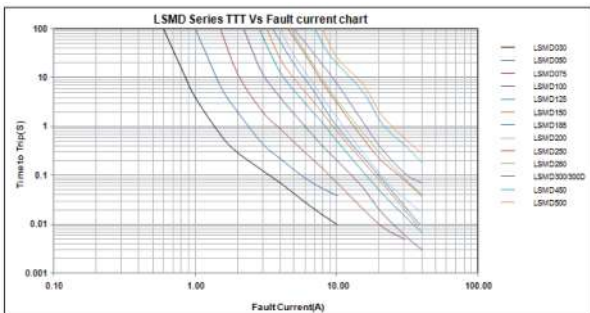


| P/N | Marking (标识) | A | | B | | C | | D |
|------------|-----------------|------|------|------|------|------|------|------|
| | | Min. | Max. | Min. | Max. | Min. | Max. | Min. |
| LSMD030 | T030 | 6.73 | 7.98 | 4.80 | 5.44 | 0.75 | 1.25 | 0.30 |
| LSMD050 | T050 | 6.73 | 7.98 | 4.80 | 5.44 | 0.75 | 1.25 | 0.30 |
| LSMD075 | T075 | 6.73 | 7.98 | 4.80 | 5.44 | 0.65 | 1.05 | 0.30 |
| LSMD100 | T100 | 6.73 | 7.98 | 4.80 | 5.44 | 0.65 | 1.05 | 0.30 |
| LSMD125 | T125 | 6.73 | 7.98 | 4.80 | 5.44 | 0.65 | 1.05 | 0.30 |
| LSMD150 | T150 | 6.73 | 7.98 | 4.80 | 5.44 | 0.90 | 1.30 | 0.30 |
| LSMD185 | T185 | 6.73 | 7.98 | 4.80 | 5.44 | 0.90 | 1.30 | 0.30 |
| LSMD200 | T200 | 6.73 | 7.98 | 4.80 | 5.44 | 0.45 | 0.85 | 0.30 |
| LSMD250 | T250 | 6.73 | 7.98 | 4.80 | 5.44 | 0.45 | 0.85 | 0.30 |
| LSMD260 | T260 | 6.73 | 7.98 | 4.80 | 5.44 | 0.45 | 0.85 | 0.30 |
| LSMD260/24 | T260 | 6.73 | 7.98 | 4.80 | 5.44 | 0.80 | 1.20 | 0.30 |
| LSMD300 | T300 | 6.73 | 7.98 | 4.80 | 5.44 | 0.45 | 0.85 | 0.30 |
| LSMD300/24 | T300 | 6.73 | 7.98 | 4.80 | 5.44 | 0.80 | 1.20 | 0.30 |
| LSMD450 | T450 | 6.73 | 7.98 | 4.80 | 5.44 | 0.80 | 1.20 | 0.30 |
| LSMD400 | T400 | 6.73 | 7.98 | 4.80 | 5.44 | 0.80 | 1.20 | 0.30 |
| LSMD500 | T500 | 6.73 | 7.98 | 4.80 | 5.44 | 0.80 | 1.20 | 0.30 |

环境温度与工作电流关系特性曲线 :

| P/N | 工作环境温度 | | | | | | | | |
|------------|--------|------|------|------|------|------|------|------|------|
| | -40℃ | -20℃ | 0℃ | 25℃ | 40℃ | 50℃ | 60℃ | 70℃ | 85℃ |
| LSMD030 | 0.45 | 0.40 | 0.35 | 0.30 | 0.25 | 0.23 | 0.20 | 0.17 | 0.14 |
| LSMD050 | 0.76 | 0.67 | 0.59 | 0.50 | 0.42 | 0.38 | 0.33 | 0.29 | 0.23 |
| LSMD075 | 1.13 | 1.01 | 0.88 | 0.75 | 0.62 | 0.56 | 0.50 | 0.44 | 0.34 |
| LSMD100 | 1.66 | 1.47 | 1.29 | 1.10 | 0.91 | 0.83 | 0.73 | 0.64 | 0.50 |
| LSMD125 | 1.89 | 1.68 | 1.46 | 1.25 | 1.04 | 0.94 | 0.83 | 0.73 | 0.56 |
| LSMD150 | 2.27 | 2.01 | 1.76 | 1.50 | 1.25 | 1.13 | 1.00 | 0.87 | 0.74 |
| LSMD185 | 2.80 | 2.47 | 2.17 | 1.85 | 1.54 | 1.39 | 1.22 | 1.07 | 0.85 |
| LSMD200 | 3.02 | 2.68 | 2.34 | 2.00 | 1.80 | 1.70 | 1.54 | 1.40 | 1.30 |
| LSMD250 | 3.78 | 3.35 | 2.93 | 2.50 | 2.25 | 2.13 | 1.93 | 1.75 | 1.63 |
| LSMD260 | 3.93 | 3.48 | 3.04 | 2.60 | 2.34 | 2.21 | 2.00 | 1.82 | 1.69 |
| LSMD260/24 | 3.93 | 3.48 | 3.04 | 2.60 | 2.34 | 2.21 | 2.00 | 1.82 | 1.69 |
| LSMD300 | 4.53 | 4.02 | 3.51 | 3.00 | 2.52 | 2.26 | 1.99 | 1.75 | 1.34 |
| LSMD300/24 | 4.53 | 4.02 | 3.51 | 3.00 | 2.52 | 2.26 | 1.99 | 1.75 | 1.34 |
| LSMD450 | 6.80 | 6.03 | 5.27 | 4.50 | 4.05 | 3.83 | 3.47 | 3.15 | 2.93 |

动作电流时间曲线表：



The Time to Trip curves represent typical performance of a device in a simulated application environment. Actual performance in specific customer applications may differ from these values due to the influence of other variables.

标准包装数量：

| Model | Q'ty/Reel |
|---|-----------|
| LSMD150/185/ 260/24 / 300/24 /400 /450 /500 | 1000pcs |
| LSMD030~LSMD125 | 1500pcs |
| LSMD200/250/260/300 | 2000pcs |

Note: Reel packaging per EIA-481-1 standard

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