# Shenzhen DXM Technology Co., Ltd

**PTC thermistor**

PTC thermistor for overcurrent and overload protection-MZ31 series

**Specification&Part no.**

| Item | Part No. | Resistance @25 ℃ R 25（Ω）±25% | Non-trip current Int（mA） | | Tripcurrent @25℃ It（mA） | Max Operating Voltage Vmax (V) | Max. current I m a x ( A ) | Curie temperature T c (℃) | Dimension（mm） | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | @25℃ | @60℃ | | | | | D max | T max | Φd |
| 1 | MZ31-3A20K3R7H265 | 3.7 | 530 | 430 | 1050 | 265 | 4.3 | 125 | 22.0 | 5.0 | 0.6 |
| 2 | MZ31-3A16K6R0H265 | 6 | 390 | 300 | 780 | 265 | 3.1 | | 17.5 | 5.0 | 0.6 |
| 3 | MZ31-3A16K7R0H265 | 7 | 350 | 280 | 700 | 265 | 3.1 | | 17.5 | 5.0 | 0.6 |
| 4 | MZ31-3A13K10RH265 | 10 | 260 | 200 | 520 | 265 | 1.8 | | 14.0 | 5.0 | 0.6 |
| 5 | MZ31-3A13K12RH265 | 12 | 225 | 180 | 450 | 265 | 1.8 | | 14.0 | 5.0 | 0.6 |
| 6 | MZ31-3A12K107H265 | 10 | 250 | 200 | 500 | 265 | 1.8 | | 13.5 | 5.0 | 0.6 |
| 7 | MZ31-3A10K15RH265 | 15 | 180 | 140 | 350 | 265 | 1.2 | | 11.0 | 5.0 | 0.6 |
| 8 | MZ31-3A10K39RH265 | 39 | 130 | 100 | 250 | 265 | 1.2 | | 11.0 | 5.0 | 0.6 |
| 9 | MZ31-3A08K15RH250 | 15 | 150 | 120 | 300 | 250 | 0.8 | | 9.0 | 5.0 | 0.6 |
| 10 | MZ31-3A08K25RH265 | 25 | 130 | 100 | 250 | 265 | 0.8 | | 9.0 | 5.0 | 0.6 |
| 11 | MZ31-3A08K35RH250 | 35 | 115 | 90 | 225 | 250 | 0.8 | | 9.0 | 5.0 | 0.6 |
| 12 | MZ31-3A08K45RH265 | 45 | 105 | 80 | 200 | 265 | 0.8 | | 9.0 | 5.0 | 0.6 |
| 13 | MZ31-3A08K55RH265 | 55 | 90 | 70 | 180 | 265 | 0.8 | | 9.0 | 5.0 | 0.6 |
| 14 | MZ31-3A07K82RH265 | 82 | 70 | 50 | 140 | 265 | 0.6 | | 8.0 | 5.0 | 0.6 |
| 15 | MZ31-3A07K56RH265 | 56 | 90 | 60 | 175 | 265 | 0.6 | | 8.0 | 5.0 | 0.6 |
| 16 | MZ31-3A06K33RH250 | 33 | 110 | 85 | 200 | 250 | 0.4 | | 7.0 | 4.5 | 0.6 |
| 17 | MZ31-3A05K70RH265 | 70 | 65 | 50 | 130 | 265 | 0.3 | | 6.5 | 5.0 | 0.6 |
| 18 | MZ31-3A05K85RH265 | 85 | 60 | 45 | 120 | 265 | 0.3 | | 6.5 | 5.0 | 0.6 |

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