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#### General Information

|             |   |
|-------------|---|
| Series      | MPC                                       |
| Style       | SMD Molded                                |
| Core        | Metal Composite                           |
| Description | Shielded, Surface Mount Inductor          |
| Features    | High Speed, Large Current DC/DC Converter |
| RoHS        | Yes                                       |

#### Dimensions

|           |               |
|-----------|---------------|
| Chip Size | 4539          |
| L         | 11.5mm MAX    |
| W         | 10mm +/-0.3mm |
| T         | 4mm MAX       |
| G         | 3mm +/-0.5mm  |

#### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 330mm |
| Packaging Quantity | 500        |

#### Specifications

|                      |  |
|----------------------|--|
| Inductance           | 0.88 uH (0.1 MHz)                        |
| Inductance Tolerance | 20%                                      |
| Rated Current        | 17 Amps (Irms, 40C Rise By Self Heating) |
| Saturation Current   | 24 Amps (Isat, 20% Drop In Inductance)   |
| Temperature Range    | -40/+125°C                               |
| Rated Temperature    | 120°C                                    |
| Shielded             | Yes                                      |
| DC Resistance        | 2.3 mOhms                                |
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