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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 |                |
|------------|----------------|
| L          | 11.5mm MAX     |
| W          | 10mm +/-0.3mm  |
| T          | 4mm MAX        |
| G          | 3.5mm +/-0.5mm |

  

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

| Specifications       |  |
|----------------------|--|
| Inductance           | 0.56 uH (0.1MHz)                         |
| Inductance Tolerance | 20%                                      |
| Rated Current        | 23 Amps (Irms, 40C Rise By Self Heating) |
| Saturation Current   | 25 Amps (Isat, 20% Drop In Inductance)   |
| Temperature Range    | -40/+125°C                               |
| Rated Temperature    | 120°C                                    |
| Shielded             | Yes                                      |
| DC Resistance        | 1.3 mOhms                                |
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