



Click [here](#) for the 3D model.

General Information

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

Dimensions

| | |
|---|----------------|
| L | 8mm MAX |
| W | 6.7mm +/-0.3mm |
| T | 4mm MAX |
| G | 2mm +/-0.3mm |

Packaging Specifications

| | |
|--------------------|------------|
| Packaging | T&R, 330mm |
| Packaging Quantity | 1000 |

Specifications

| | |
|----------------------|--|
| Inductance | 0.42 uH (0.1MHz) |
| Inductance Tolerance | 20% |
| Rated Current | 22 Amps (Irms, 40C Rise By Self Heating) |
| Saturation Current | 20 Amps (Isat, 20% Drop In Inductance) |
| Temperature Range | -40/+125°C |
| Rated Temperature | 120°C |
| Shielded | Yes |
| DC Resistance | 1.55 mOhms |
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