


General Information

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| Series | MPLC |
| Style | SMD Molded |
| Core | Metal Composite |
| Description | Shielded, Surface Mount Inductor |
| Features | Large Current Inductors |
| RoHS | Yes |

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

Dimensions

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|---|---------------|
| L | 11.5mm MAX |
| W | 10mm +/-0.2mm |
| T | 4mm MAX |
| G | 4mm +/-0.1mm |

Specifications

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| Inductance | 1.5 uH (0.1 MHz) |
| Inductance Tolerance | 20% |
| Rated Current | 12.4 Amps (Irms, 40C Rise By Self Heating) |
| Saturation Current | 12.7 Amps (Isat, 20% Drop In Inductance) |
| Temperature Range | -40/+125°C |
| Shielded | Yes |
| DC Resistance | 7 mOhms |
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Packaging Specifications

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

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