



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

General Information

| | |
|---------------|----------------------------------|
| Series | MPLCH |
| Style | SMD Molded |
| Core | Metal Composite |
| Description | Shielded, Surface Mount Inductor |
| Features | Large Current Inductors |
| RoHS | Yes |
| Miscellaneous | 40 (K) Temperature Rise Max. |

| Dimensions | |
|------------|----------------|
| Chip Size | 3126 |
| L | 7.8mm MAX |
| W | 6.7mm +/-0.2mm |
| T | 4mm MAX |
| G | 3.2mm +/-0.1mm |

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

| Specifications | |
|----------------------|--|
| Inductance | 3.3 uH (0.1 MHz) |
| Inductance Tolerance | 20% |
| Rated Current | 7.8 A (Irms, 40C Rise By Self Heating) |
| Saturation Current | 7 A (Isat, 30% Drop In Inductance) |
| Temperature Range | -40/+125°C |
| Shielded | Yes |
| DC Resistance | 19 mOhms |
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