



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

General Information

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|---------------|------------------------------|
| Series | TPI |
| Style | SMD Power Bead |
| Core | Ferrite |
| Description | Surface Mount Inductor |
| Features | AC Optimized TPI Inductors |
| RoHS | Yes |
| Miscellaneous | 40 (K) Temperature Rise Max. |

Dimensions

| | |
|-----------|---------------|
| Chip Size | 078060(2831) |
| L | 7mm MAX |
| W | 8mm MAX |
| T | 6mm MAX |
| G | 4mm +/-0.25mm |

Packaging Specifications

| | |
|--------------------------|------------|
| Typical Component Weight | 1.2 g |
| Packaging | T&R, 330mm |
| Packaging Quantity | 1000 |

Specifications

| | |
|----------------------|---------------------------------------|
| Inductance | 47 nH (0.1 MHz) |
| Inductance Tolerance | 10% |
| Rated Current | 53 A (Irms, 40C Rise By Self Heating) |
| Saturation Current | 90 A (Isat, 20% Drop In Inductance) |
| Temperature Range | -40/+125°C |
| Shielded | Yes |
| DC Resistance | 0.31 mOhms |
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