



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

## Dimensions

|           |                |
|-----------|----------------|
| Chip Size | 118082(4431)   |
| L         | 11.2mm MAX     |
| W         | 8mm MAX        |
| T         | 8.2mm MAX      |
| G         | 2.5mm +/-0.1mm |

## Packaging Specifications

|                          |            |
|--------------------------|------------|
| Typical Component Weight | 3 g        |
| Packaging                | T&R, 330mm |
| Packaging Quantity       | 400        |

## General Information

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

## Specifications

|                      |                                       |
|----------------------|---------------------------------------|
| Inductance           | 150 nH (0.1 MHz)                      |
| Inductance Tolerance | 10%                                   |
| Rated Current        | 50 A (Irms, 40C Rise By Self Heating) |
| Saturation Current   | 93 A (Isat, 20% Drop In Inductance)   |
| Temperature Range    | -40/+125°C                            |
| Shielded             | Yes                                   |
| DC Resistance        | 0.29 mOhms                            |
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