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#### 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.

#### 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

#### Specifications

Inductance	180 nH (0.1 MHz)
Inductance Tolerance	10%
Inductance	180 nH
Rated Current	50 A (Irms, 40C Rise By Self Heating)
Saturation Current	79 A (Isat, 20% Drop In Inductance)
Temperature Range	-40/+125°C
Shielded	Yes
Current	79 A (Isat, 20% Drop In Inductance), 50 A (Irms, 40C Rise By Self Heating)
DC Resistance	0.29 mOhms
DC Resistance	0.29 mOhms

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