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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	128080(4731)
L	12mm MAX
W	8mm MAX
T	8mm MAX
G	2.3mm +/-0.1mm

**Packaging Specifications**

Typical Component Weight	3.5 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	78 A (Isat, 20% Drop In Inductance)
Temperature Range	-40/+125°C
Shielded	Yes
Current	78 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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