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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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