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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	077050(2828)
L	7mm MAX
W	7mm MAX
T	5mm MAX
G	2.5mm +/-0.1mm

Packaging Specifications

Typical Component Weight	1g
Packaging	T&R, 330mm
Packaging Quantity	1000

Specifications

Inductance	105 nH (0.1 MHz)
Inductance Tolerance	20%
Inductance	105 nH
Rated Current	36 A (Irms, 40C Rise By Self Heating)
Saturation Current	60 A (Isat, 20% Drop In Inductance)
Temperature Range	-40/+125°C
Shielded	Yes
Current	60 A (Isat, 20% Drop In Inductance), 36 A (Irms, 40C Rise By Self Heating)
DC Resistance	0.32 mOhms
DC Resistance	0.32 mOhms

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