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General Information

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

Specifications

Inductance	82 nH (0.1MHz)
Inductance Tolerance	10%
Rated Current	53 A (Irms, 40C Rise By Self Heating)
Saturation Current	54 A (Isat, 20% Drop In Inductance)
Temperature Range	-40/+125°C
Shielded	Yes
DC Resistance	0.31 mOhms
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Dimensions

Chip Size	078060(2831)
L	7mm MAX
W	8mm MAX
T	6mm MAX
G	4mm +/-0.25mm

Packaging Specifications

Typical Component Weight	1.2 g
Packaging	T&R, 330mm
Packaging Quantity	1000

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