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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.

**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

**Specifications**

Inductance	82 nH (0.1MHz)
Inductance Tolerance	10%
Inductance	82 nH
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
Current	54 A (Isat, 20% Drop In Inductance), 53 A (Irms, 40C Rise By Self Heating)
DC Resistance	0.31 mOhms
DC Resistance	0.31 mOhms

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