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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	47 nH (0.1 MHz)
Inductance Tolerance	10%
Inductance	47 nH
Rated Current	53 A (Irms, 40C Rise By Self Heating)
Saturation Current	90 A (Isat, 20% Drop In Inductance)
Temperature Range	-40/+125°C
Shielded	Yes
Current	90 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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