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General Information

Series	MPC
Style	SMD Molded
Core	Metal Composite
Description	Shielded, Surface Mount Inductor
Features	High Speed, Large Current DC/DC Converter
RoHS	Yes

Dimensions

Chip Size	3126
L	8mm MAX
W	6.7mm +/-0.3mm
T	4mm MAX
G	2mm +/-0.3mm

Packaging Specifications

Packaging	T&R, 330mm
Packaging Quantity	1000

Specifications

Inductance	0.42 uH (0.1MHz)
Inductance Tolerance	20%
Inductance	420 nH
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	true
Current	20 Amps (Isat, 20% Drop In Inductance), 22 Amps (Irms, 40C Rise By Self Heating)
DC Resistance	1.55 mOhms
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