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General Information

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

Dimensions

Chip Size	3026
L	7.5mm +/-0.5mm
W	6.7mm +/-0.3mm
T	3mm MAX
G	1.65mm +/-0.3mm

Packaging Specifications

Packaging	T&R, 330mm
Packaging Quantity	1000

Specifications

Inductance	0.4 uH (0.1MHz)
Inductance Tolerance	20%
Inductance	400 nH
Rated Current	16 Amps (I _{rms} , 40C Rise By Self Heating)
Saturation Current	16 Amps (I _{sat} , 20% Drop In Inductance)
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	Yes
Current	16 Amps (I _{sat} , 20% Drop In Inductance), 16 Amps (I _{rms} , 40C Rise By Self Heating)
DC Resistance	2.6 mOhms
DC Resistance	2.6 mOhms

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