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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	4539
L	11.5mm MAX
W	10mm +/-0.3mm
T	4mm MAX
G	3.5mm +/-0.5mm

**Specifications**

Inductance	0.56 uH (0.1MHz)
Inductance Tolerance	20%
Inductance	560 nH
Rated Current	23 Amps (Irms, 40C Rise By Self Heating)
Saturation Current	23 Amps (Isat, 20% Drop In Inductance)
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	Yes
Current	23 Amps (Isat, 20% Drop In Inductance), 23 Amps (Irms, 40C Rise By Self Heating)
DC Resistance	1.3 mOhms
DC Resistance	1.3 mOhms

**Packaging Specifications**

Packaging	T&R, 330mm
Packaging Quantity	500

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