


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

[Click here](#) for the 3D model.

Dimensions

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

Specifications

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

Packaging Specifications

Packaging	T&R, 330mm
Packaging Quantity	1000

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