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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

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	0.2 uH (0.1 MHz)
Inductance Tolerance	25%
Rated Current	23 Amps (I _{rms} , 40C Rise By Self Heating)
Saturation Current	17.5 Amps (I _{sat} , 20% Drop In Inductance)
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	Yes
DC Resistance	1.2 mOhms
DC Resistance	1.2 mOhms

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