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General Information

Series	MPXV
Style	SMD Molded
Core	Metal Composite
Description	Surface Mount Inductor
Features	Power Inductors
RoHS	Yes
Qualifications	AEC-Q200
AEC-Q200	Yes
Miscellaneous	40 (K) Temperature Rise Max.

Dimensions

Chip Size	2213(9088)
AEC-Q200	Yes
L	22mm +/-0.5mm
W	22mm +/-0.5mm
T	13mm MAX
G	18.5mm NOM

Packaging Specifications

Typical Component Weight	37 g
Packaging	T&R, 330mm
Packaging Quantity	50

Specifications

Inductance	0.68 uH (100 kHz)
Inductance Tolerance	20%
Inductance	680 nH
Temperature Range	-55/+155°C
Shielded	true
Current	78 A (Irms, 40C Rise By Self Heating), 80 A (Isat, 20% Drop In Inductance), 115 A (Isat, 30% Drop In Inductance)
DC Resistance	0.83 mOhms
DC Resistance	0.83 mOhms
Self-Resonant Frequency	34 MHz

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