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Dimensions

L	22mm +/-0.5mm
W	22mm +/-0.5mm
T	13mm MAX
LL	5mm NOM
G	18.5mm NOM

Packaging Specifications

Packaging	T&R, 330mm
Packaging Quantity	50

General Information

Series	MPXV
Style	SMD
Chip Size	2213(9088)
Description	Surface Mount Inductor
Features	Power Inductors
RoHS	Yes
Qualifications	AEC-Q200
AEC-Q200	Yes
Core	Composite
Miscellaneous	40 (K) Temperature Rise Max.

Specifications

Inductance	47 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	15.5 A (Irms, 40C Rise By Self Heating), 13.5 A (Isat, 20% Drop In Inductance), 19 A (Isat, 30% Drop In Inductance)
DC Resistance	20.5 mOhms
Self-Resonant Frequency	2.5 MHz