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#### Dimensions

Chip Size	0520(2120)
AEC-Q200	Yes
L	5.3mm +/-0.2mm
W	5mm +/-0.2mm
T	2mm MAX
G	2.5mm +/-0.2mm

#### Packaging Specifications

Typical Component Weight	230 mg
Packaging	T&R, 330mm
Packaging Quantity	3500

#### 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.

#### Specifications

Inductance	2200 nH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	true
Current	5.2 A (I <sub>rms</sub> , 40C Rise By Self Heating), 4.5 A (I <sub>sat</sub> , 20% Drop In Inductance), 6.5 A (I <sub>sat</sub> , 30% Drop In Inductance)
DC Resistance	40.4 mOhms
Self-Resonant Frequency	39 MHz