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#### Dimensions

Chip Size	4340
AEC-Q200	Yes
L	10.8mm +/-0.3mm
W	10mm +/-0.2mm
T	4mm MAX
G	3mm +/-0.3mm

#### Packaging Specifications

Typical Component Weight	2.2 g
Packaging	T&R, 330mm
Packaging Quantity	500

#### General Information

Series	MPEV
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	10 uH
Inductance Tolerance	20%
Temperature Range	-55/+180°C
Shielded	true
Current	7 A (I <sub>rms</sub> , 40C Rise By Self Heating), 7.5 A (I <sub>sat</sub> , 20% Drop In Inductance), 10.5 A (I <sub>sat</sub> , 30% Drop In Inductance)
DC Resistance	34.1 mOhms
Self-Resonant Frequency	11 MHz