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Dimensions

L	10.8mm +/-0.3mm
W	10mm +/-0.2mm
T	4mm MAX
LL	2mm NOM
G	4.7mm +/-0.3mm

Packaging Specifications

Packaging	T&R, 330mm
Packaging Quantity	500

General Information

Series	MPEV
Style	SMD
Chip Size	4340
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	1 uH
Inductance Tolerance	20%
Temperature Range	-55/+180°C
Shielded	Yes
Current	21.1 A (Irms, 40C Rise By Self Heating), 19.5 A (Isat, 20% Drop In Inductance), 29 A (Isat, 30% Drop In Inductance)
DC Resistance	3.8 mOhms
Self-Resonant Frequency	35 MHz

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