



Click [here](#) for the 3D model.

Dimensions

L	7mm +/-0.25mm
W	6.5mm +/-0.2mm
T	3mm MAX
LL	1.3mm NOM
G	3.2mm +/-0.3mm

Packaging Specifications

Packaging	T&R, 330mm
Packaging Quantity	1500

General Information

Series	MPEV
Style	SMD
Chip Size	2826
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	13.1 A (Irms, 40C Rise By Self Heating), 9 A (Isat, 20% Drop In Inductance), 13 A (Isat, 30% Drop In Inductance)
DC Resistance	8.2 mOhms
Self-Resonant Frequency	43 MHz