



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

### Dimensions

Chip Size	0630(2826)
AEC-Q200	Yes
L	7mm +/-0.25mm
W	6.5mm +/-0.2mm
T	3mm MAX
G	3.2mm +/-0.3mm

### Packaging Specifications

Typical Component Weight	620 mg
Packaging	T&R, 330mm
Packaging Quantity	1500

### 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	10 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	true
Current	4.2 A (Irms, 40C Rise By Self Heating), 3.5 A (Isat, 20% Drop In Inductance), 4.5 A (Isat, 30% Drop In Inductance)
DC Resistance	78 mOhms
Self-Resonant Frequency	15 MHz