



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

### Dimensions

L	8.65mm +/-0.25mm
W	8mm +/-0.2mm
T	4mm MAX
LL	1.3mm NOM
G	5.1mm +/-0.3mm

### Packaging Specifications

Packaging	T&R, 330mm
Packaging Quantity	1000

### General Information

Series	MPXV
Style	SMD
Chip Size	0840(3431)
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	0.33 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	27.7 A (Irms, 40C Rise By Self Heating), 30 A (Isat, 20% Drop In Inductance), 45 A (Isat, 30% Drop In Inductance)
DC Resistance	2.4 mOhms
Self-Resonant Frequency	77 MHz