



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

### Dimensions

Chip Size	1260(5749)
AEC-Q200	Yes
L	14.5mm MAX
W	12.5mm +/-0.3mm
T	6mm MAX
G	3mm +/-0.5mm

### Packaging Specifications

Typical Component Weight	5.5 g
Packaging	T&R, 330mm
Packaging Quantity	300

### General Information

Series	MPCV
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	1500 nH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	true
Current	35 A (Isat, 30% Drop In Inductance), 28 A (Irms, 40C Rise By Self Heating)
DC Resistance	2.35 mOhms