



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

Dimensions	
Chip Size	0645(3126)
AEC-Q200	Yes
L	7.9mm MAX
W	6.7mm +/-0.4mm
T	4.5mm MAX

Packaging Specifications	
Typical Component Weight	1g
Packaging	T&R, 380mm
Packaging Quantity	1000

General Information	
Series	MPLCV
Style	SMD Molded
Core	Metal Composite
Description	Surface Mount Inductor
Features	Power Inductors, Automotive
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	6.5 A (Isat, 30% Drop In Inductance), 4 A (Irms, 40C Rise By Self Heating)
DC Resistance	45 mOhms