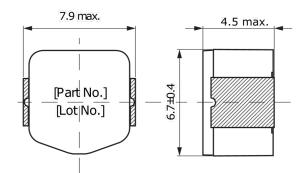


MPLCV0645L100 Aliases (UPIT0645L10000) KEMET, MPLCV, Power, 10 uH, 20%, 0645(3126)



General Information	
Series	MPLCV
Style	SMD
Chip Size	0645(3126)
Description	Surface Mount Inductor
Features	Power Inductors, Automotive
RoHS	Yes
Qualifications	AEC-Q200
AEC-Q200	Yes
Core	Composite
Miscellaneous	40 (K) Temperature Rise Max.

Specifications	
Inductance	10 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	6.5 A (Isat, 30% Drop In Inductance), 4 A (Irms, 40C Rise By Self Heating)
DC Resistance	45 mOhms

Click here for the 3D model.

L 7.9mm MAX W 6.7mm +/-0.4mm T 4.5mm MAX	Dimensions	
	L	7.9mm MAX
T 4.5mm MAX	W	6.7mm +/-0.4mm
	Т	4.5mm MAX

Packaging Specifications		
Packaging	T&R, 380mm	
Packaging Quantity	1000	

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