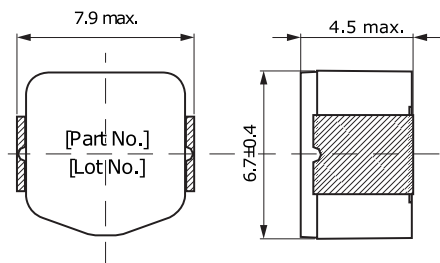


KEMET Part Number: MPLCV0645L100
(UPIT0645L10000)

KEMET, MPLCV, Power, 10 uH, 20%



General Information

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

Dimensions

Chip Size	3126
L	7.9mm MAX
W	6.7mm +/-0.4mm
T	4.5mm MAX

Packaging Specifications

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

Specifications

Inductance:	10 uH (0.1 MHz)
Inductance Tolerance:	20%
Temperature Range:	-55/+155C
Shielded:	Yes
Current:	6.5 A (Isat, 30% Drop In Inductance), 4 A (Irms, 40C Rise By Self Heating)
DC Resistance:	45 mOhms

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