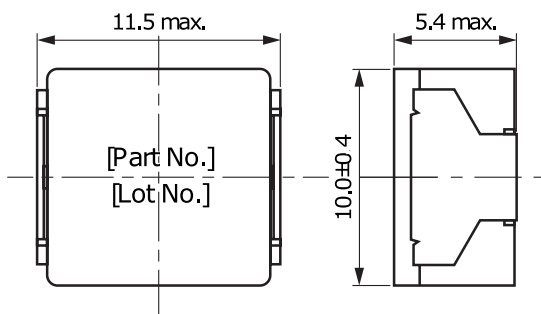


KEMET, MPLCV, Power, 10 uH, 20%



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	4539
L	11.5mm MAX
W	10mm +/-0.4mm
T	5.4mm 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:	12 A (Isat, 30% Drop In Inductance), 7.1 A (Irms, 40C Rise By Self Heating)
DC Resistance:	25 mOhms