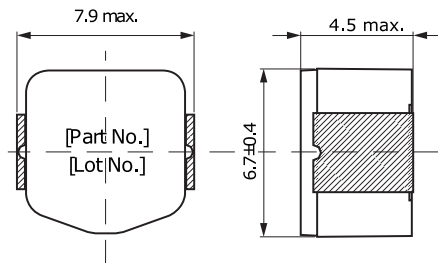


KEMET, MPLCV, Power, 10 uH, 20%

**General Information**

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

**Dimensions**

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

**Packaging Specifications**

<b>Packaging:</b>	T&R, 380mm
<b>Packaging Quantity:</b>	1000

**Specifications**

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