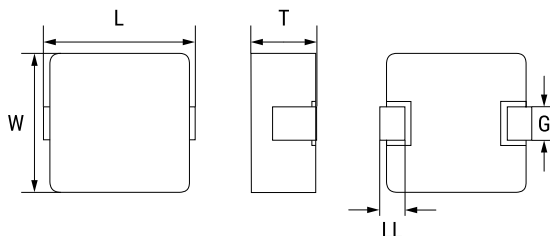


**KEMET Part Number: MPCV1060L1R5**  
(UPIV1060L1R500)

KEMET, MPCV, Power, 1500 nH, 20%



#### General Information

<b>Series:</b>	MPCV
<b>Style:</b>	SMD
<b>Description:</b>	Surface Mount Inductor
<b>Features:</b>	Power Inductors
<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>	4739
<b>L</b>	12mm MAX
<b>W</b>	10mm +/-0.3mm
<b>T</b>	6mm MAX
<b>LL</b>	2.1mm NOM
<b>G</b>	3mm +/-0.5mm

#### Specifications

<b>Inductance:</b>	1.5 uH (0.1 MHz)
<b>Inductance Tolerance:</b>	20%
<b>Temperature Range:</b>	-55/+155C
<b>Shielded:</b>	Yes
<b>Current:</b>	27 A (Isat, 30% Drop In Inductance), 22 A (Irms, 40C Rise By Self Heating)
<b>DC Resistance:</b>	2.5 mOhms

#### Packaging Specifications

<b>Packaging:</b>	T&R, 380mm
<b>Packaging Quantity:</b>	500

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