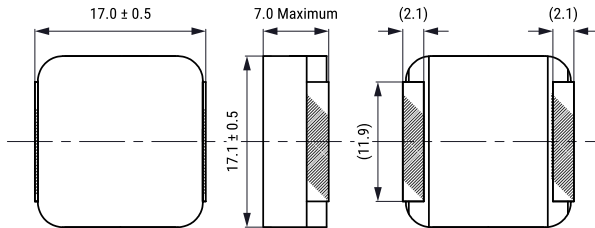


KEMET, MPX, Power, 1000 nH, 20%



**Dimensions**

<b>L</b>	17mm +/-0.5mm
<b>W</b>	17.1mm +/-0.5mm
<b>T</b>	7mm MAX
<b>LL</b>	2.1mm NOM
<b>G</b>	11.9mm NOM

**Packaging Specifications**

<b>Packaging:</b>	T&R, 330mm
<b>Packaging Quantity:</b>	100

**General Information**

<b>Series:</b>	MPX
<b>Style:</b>	SMD
<b>Description:</b>	Surface Mount Inductor
<b>Features:</b>	Power Inductors
<b>RoHS:</b>	Yes
<b>Core:</b>	Composite
<b>Miscellaneous:</b>	40 (K) Temperature Rise Max.

**Specifications**

<b>Inductance:</b>	1 uH (0.1 MHz)
<b>Inductance Tolerance:</b>	20%
<b>Temperature Range:</b>	-55/+155°C
<b>Shielded:</b>	Yes
<b>Current:</b>	38 A (Irms, 40C Rise By Self Heating), 42 A (Isat, 20% Drop In Inductance), 62 A (Isat, 30% Drop In Inductance)
<b>DC Resistance:</b>	1.8 mOhms
<b>Self-Resonant Frequency:</b>	27 MHz