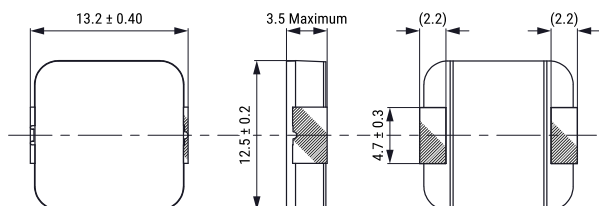


KEMET, MPX, Power, 470 nH, 20%



**Dimensions**

<b>L</b>	13.2mm +/-0.4mm
<b>W</b>	12.5mm +/-0.2mm
<b>T</b>	3.5mm MAX
<b>LL</b>	2.2mm NOM
<b>G</b>	4.7mm +/-0.3mm

**Packaging Specifications**

<b>Packaging:</b>	T&R, 330mm
<b>Packaging Quantity:</b>	500

**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>	0.47 uH (0.1 MHz)
<b>Inductance Tolerance:</b>	20%
<b>Temperature Range:</b>	-55/+155°C
<b>Shielded:</b>	Yes
<b>Current:</b>	28.9 A (Irms, 40C Rise By Self Heating), 31 A (Isat, 20% Drop In Inductance), 45 A (Isat, 30% Drop In Inductance)
<b>DC Resistance:</b>	2.3 mOhms
<b>Self-Resonant Frequency:</b>	58 MHz