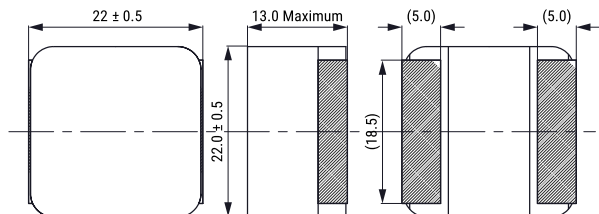


**KEMET Part Number: MPX1D2213L680**  
(UPI2X12213L680)



KEMET, MPX, Power, 68 uH, 20%, 2213(9088)



#### Dimensions

Dimensions	
<b>L</b>	22mm +/-0.5mm
<b>W</b>	22mm +/-0.5mm
<b>T</b>	13mm MAX
<b>LL</b>	5mm NOM
<b>G</b>	18.5mm NOM

#### Packaging Specifications

<b>Packaging:</b>	T&R, 330mm
<b>Packaging Quantity:</b>	50

#### General Information

<b>Series:</b>	MPX
<b>Style:</b>	SMD
<b>Chip Size:</b>	2213(9088)
<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>	68 uH
<b>Inductance Tolerance:</b>	20%
<b>Temperature Range:</b>	-55/+155°C
<b>Shielded:</b>	Yes
<b>Current:</b>	12.5 A (I <sub>rms</sub> , 40C Rise By Self Heating), 10 A (I <sub>sat</sub> , 20% Drop In Inductance), 14 A (I <sub>sat</sub> , 30% Drop In Inductance)
<b>DC Resistance:</b>	30.8 mOhms
<b>Self-Resonant Frequency:</b>	2.1 MHz

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