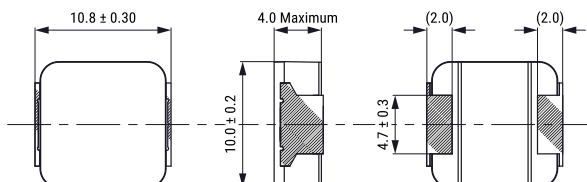


KEMET, MPX, Power, 1000 nH, 20%



Dimensions

L	10.8mm +/-0.3mm
W	10mm +/-0.2mm
T	4mm MAX
LL	2mm NOM
G	4.7mm +/-0.3mm

Packaging Specifications

Packaging:	T&R, 330mm
Packaging Quantity:	500

General Information

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

Specifications

Inductance:	1 uH (0.1 MHz)
Inductance Tolerance:	20%
Temperature Range:	-55/+155°C
Shielded:	Yes
Current:	21.1 A (I _{rms} , 40C Rise By Self Heating), 19.5 A (I _{sat} , 20% Drop In Inductance), 29 A (I _{sat} , 30% Drop In Inductance)
DC Resistance:	3.8 mOhms
Self-Resonant Frequency:	35 MHz