

MPX1D0618LR10

Aliases (UPI2X10618LR10)

KEMET, MPX, Power, 0.1 uH, 20%, 0618(2826)



Click [here](#) for the 3D model.

Dimensions

L	7mm +/-0.25mm
W	6.5mm +/-0.2mm
T	1.8mm MAX
LL	1.3mm NOM
G	3.2mm +/-0.3mm

Packaging Specifications

Packaging	T&R, 330mm
Packaging Quantity	2500

General Information

Series	MPX
Style	SMD
Chip Size	0618(2826)
Description	Surface Mount Inductor
Features	Power Inductors
RoHS	Yes
Core	Composite
Miscellaneous	40 (K) Temperature Rise Max.

Specifications

Inductance	0.1 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	18.9 A (I _{rms} , 40C Rise By Self Heating), 22.5 A (I _{sat} , 20% Drop In Inductance), 40 A (I _{sat} , 30% Drop In Inductance)
DC Resistance	2.8 mOhms
Self-Resonant Frequency	230 MHz

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