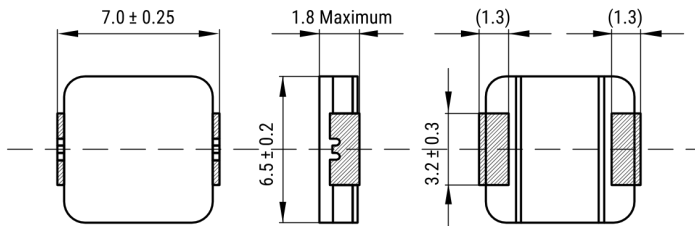


MPX1D0618L1R5

Aliases (UPI2X10618L1R5)

KEMET, MPX, Metal Composite, 20%, 1500 nH, 0618(2826)



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

Dimensions

Chip Size	0618(2826)
L	7mm +/-0.25mm
W	6.5mm +/-0.2mm
T	1.8mm MAX
G	3.2mm +/-0.3mm

Packaging Specifications

Typical Component Weight	370 mg
Packaging	T&R, 330mm
Packaging Quantity	2500

General Information

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

Specifications

Inductance	1500 nH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	6.2 A (I _{rms} , 40C Rise By Self Heating), 6.5 A (I _{sat} , 20% Drop In Inductance), 10.5 A (I _{sat} , 30% Drop In Inductance)
DC Resistance	25.8 mOhms
Self-Resonant Frequency	40 MHz

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