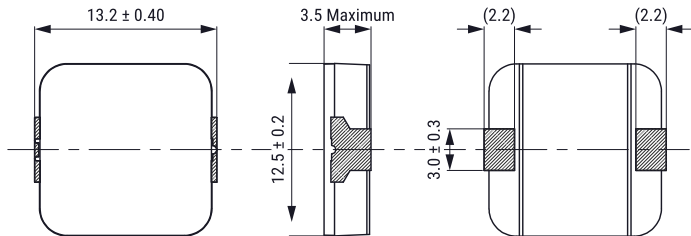


MPX1D1235L1R5

Aliases (UPI2X11235L1R5)

KEMET, MPX, Metal Composite, 20%, 1,500 nH, 1235(5350)



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

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.

Dimensions

Chip Size	1235(5350)
L	13.2mm +/-0.4mm
W	12.5mm +/-0.2mm
T	3.5mm MAX
G	3mm +/-0.3mm

Packaging Specifications

Typical Component Weight	2.9 g
Packaging	T&R, 330mm
Packaging Quantity	500

Specifications

Inductance	1.5 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	17.9 A (Irms, 40C Rise By Self Heating)
Saturation Current	19 A (Isat, 20% Drop In Inductance), 28 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	6 mOhms
DC Resistance	6 mOhms
Self-Resonant Frequency	29 MHz

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