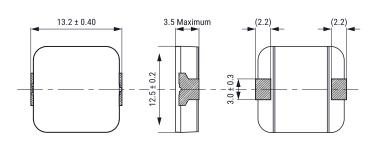


MPX1D1235L4R7 Aliases (UPI2X11235L4R7) KEMET, MPX, Metal Composite, 20%, 4,700 nH, 1235(5350)



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.

Click here for the 3D model.

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

Packaging Specifications

Typical Component Weight	
Packaging	
Packaging Quantity	

3mm +/-0.3mm 2.9 g T&R, 330mm 500

Specifications	
Inductance	4.7 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	10.9 A (Irms, 40C Rise By Self Heating)
Saturation Current	11.5 A (Isat, 20% Drop In Inductance), 17.5 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	16.4 mOhms
DC Resistance	16.4 mOhms
Self-Resonant Frequency	14 MHz

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