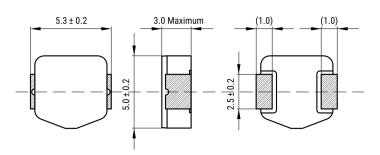


MPX1D0530LR47

Aliases (UPI2X10530LR47)

KEMET, MPX, Metal Composite, 20%, 470 nH, 0530(2120)



Click here for the 3D model.

Dimensions		
Chip Size	0530(2120)	
L	5.3mm +/-0.2mm	
W	5mm +/-0.2mm	
Т	3mm MAX	
G	2.5mm +/-0.2mm	

Packaging Specifications	
Typical Component Weight	330 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	470 nH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	13.8 A (Irms, 40C Rise By Self Heating), 9 A (Isat, 20% Drop In Inductance), 13 A (Isat, 30% Drop In Inductance)
DC Resistance	6.9 mOhms
Self-Resonant Frequency	91 MHz

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.