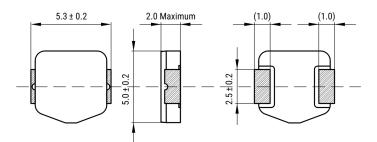


MPX1D0520L1R5

Aliases (UPI2X10520L1R5)

KEMET, MPX, Metal Composite, 20%, 1500 nH, 0520(2120)



Click	hore	for	+bo	20	model.
CIICK	nere	101	ulle	30	model.

Dimensions	
Chip Size	0520(2120)
L	5.3mm +/-0.2mm
W	5mm +/-0.2mm
Т	2mm MAX
G	2.5mm +/-0.2mm

Packaging Specifications				
Typical Component Weight	230 mg			
Packaging	T&R, 330mm			
Packaging Quantity	3500			

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	5.6 A (Irms, 40C Rise By Self Heating), 4.5 A (Isat, 20% Drop In Inductance), 7 A (Isat, 30% Drop In Inductance)
DC Resistance	35.6 mOhms
Self-Resonant Frequency	44 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.