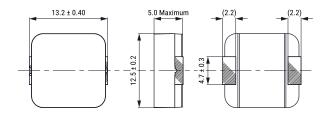
KEMET Part Number: MPX1D1250L3R3



KEMET, MPX, Power, 3300 nH, 20%



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

Dimensions		
L	13.2mm +/-0.4mm	
W	12.5mm +/-0.2mm	
Т	5mm MAX	
LL	2.2mm NOM	
G	4.7mm +/-0.3mm	

Specifications		
Inductance:	3.3 uH (0.1 MHz)	
Inductance Tolerance:	20%	
Temperature Range:	-55/+155°C	
Shielded:	Yes	
Current:	16.8 A (Irms, 40C Rise By Self Heating), 15 A (Isat, 20% Drop In Inductance), 22 A (Isat, 30% Drop In Inductance)	
DC Resistance:	7.4 mOhms	
Self-Resonant Frequency:	17 MHz	

Packaging Specifications		
Packaging:	T&R, 330mm	
Packaging Quantity:	250	

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.

