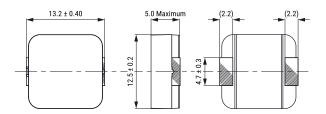
KEMET Part Number: MPX1D1250L470



KEMET, MPX, Power, 47 uH, 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	

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Inductance Tolerand	nensions	Dir
Temperature Rang	13.2mm +/-0.4mm	L
Shielde	12.5mm +/-0.2mm	W
	5mm MAX	Т
Curre	2.2mm NOM	LL
	4.7mm +/-0.3mm	G
DC Resistano	-	

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

Specifications		
Inductance:	47 uH (0.1 MHz)	
Inductance Tolerance:	20%	
Temperature Range:	-55/+155°C	
Shielded:	Yes	
Current:	4.5 A (Irms, 40C Rise By Self Heating), 4 A (Isat, 20% Drop In Inductance), 5.5 A (Isat, 30% Drop In Inductance)	
DC Resistance:	105.4 mOhms	
Self-Resonant Frequency:	4 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.

