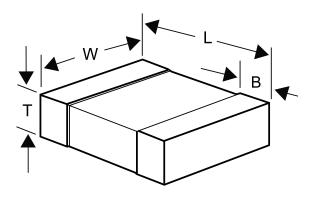
KEMET Part Number: L0805C470MDWIT



Power, L-DWI, 47 uH, 20%



Dimensions		
Chip Size	0805	
L	2mm +/-0.2mm	
W	1.25mm +/-0.2mm	
Т	1.25mm +/-0.2mm	
LL	0.5mm +/-0.2mm	

Packaging Specifications		
Packaging:	T&R	
Packaging Quantity:	3000	

General Information		
Style:	SMD Chip	
Series:	L-DWI	
Description:	Surface Mount Inductor	
Features:	High Current Type	
RoHS:	Yes	

Specifications	
Inductance:	47 uH (2.52 MHz)
Inductance Tolerance:	20%
Temperature Range:	-40/+105C
Current:	120 mAmps (Isat, 30% Drop In Inductance), 150 mAmps (Irms, 40C Rise By Self Heating)
DC Resistance:	5.8 Ohms
Self-Resonant Frequency:	11 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.

