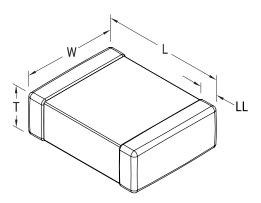
## **KEMET Part Number: L0805C82NMSMST**



## KEMET, L-SMS, Commercial Grade, 82 nH, 20%



Dimensions		
Chip Size	0805	
L	2mm +0.3/-0.1mm	
W	1.25mm +/-0.2mm	
Т	0.85mm +/-0.2mm	
LL	0.5mm +/-0.2mm	

Packaging Specifications		
Packaging:	T&R	
Packaging Quantity:	4000	

General Information		
Series:	L-SMS	
Style:	SMD Chip	
Description:	Shielded, Surface Mount Inductor	
Features:	Standard Type	
RoHS:	Yes	
Core:	Ceramic	
Winding Type:	Multilayer	

Specifications		
Inductance:	0.082 uH (50 MHz)	
Inductance Tolerance:	20%	
Temperature Range:	-40/+85°C	
Current:	300 mAmps (MAX)	
DC Resistance:	0.2 Ohms	
Quality Factor:	15 at 50 MHz	
Self-Resonant Frequency:	255 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.

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