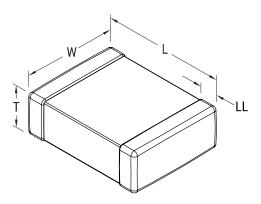
## **KEMET Part Number: L0603C27NJRMST**



## KEMET, L-RMS, RF, 27 nH, 5%



Dimensions		
Chip Size	0603	
L	1.6mm +/-0.15mm	
W	0.8mm +/-0.15mm	
Т	0.8mm +/-0.15mm	
LL	0.3mm +/-0.2mm	

Packaging Specifications	
Packaging:	T&R
Packaging Quantity:	4000

General Information		
Series:	L-RMS	
Style:	SMD Chip	
Description:	Surface Mount Inductor	
RoHS:	Yes	
Core:	Ceramic	
Winding Type:	Multilayer	

Specifications		
Inductance:	0.027 uH (100 MHz)	
Inductance Tolerance:	5%	
Temperature Range:	-40/+85°C	
Current:	300 mAmps (MAX)	
DC Resistance:	0.45 Ohms	
Quality Factor:	16 at 100 MHz, 37 at 500 MHz, 45 at 800 MHz, 46 at 1000 MHz	
Self-Resonant Frequency:	1400 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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