





MLK1005S12NJT000

Applications		Commercial Grade
Feature		Multilayer
		No Directivity
		Non-Magnetic Core (Dielectric Ceramic)
Series	MLK Series / MLK1005 Type	
Status	Production	



Size	
Length(L)	1.00mm +/-0.10mm
Width(W)	0.50mm +/-0.10mm
Thickness(T)	0.50mm +/-0.10mm
Recommended Land Pattern (A)	0.50mm Nom.
Recommended Land Pattern (B)	0.40mm Nom.
Recommended Land Pattern (C)	0.50mm Nom.

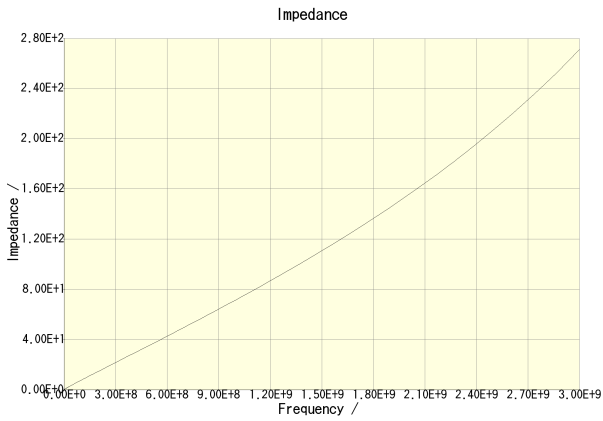
Electrical Characteristics	
Inductance	12nH +/-5% at 100MHz
Rated Current (Temperature Rise) [Max.]	350mA (20degC Rise)
Self-Resonant Frequency [Min.]	4.3GHz
Self-Resonant Frequency [Typ.]	5.3GHz
Q [Min.]	7 at 100MHz
Q [Typ.]	9 at 100MHz
DC Resistance [Nom.]	270mΩ
DC Resistance [Max.]	470mΩ

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000Pcs Min.
Weight	0.001g

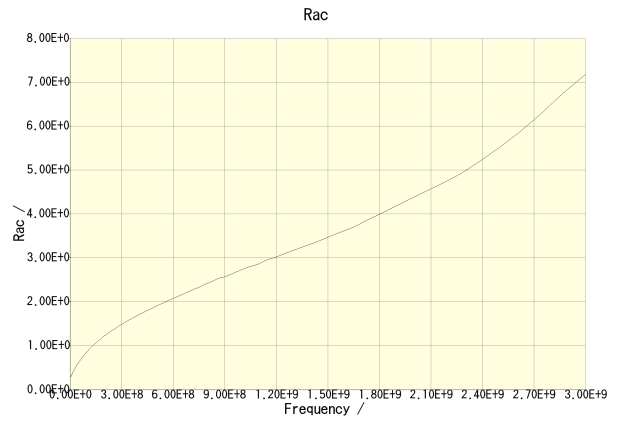
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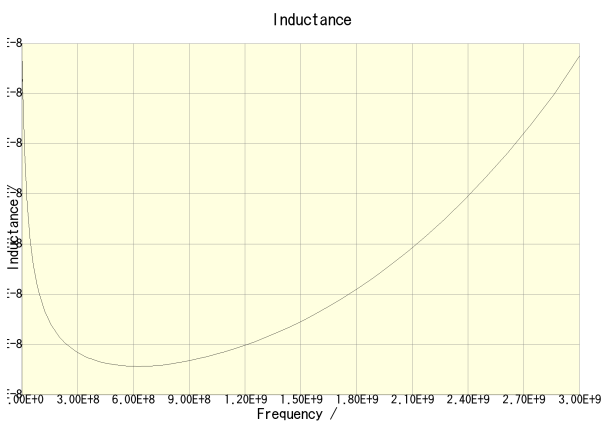
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



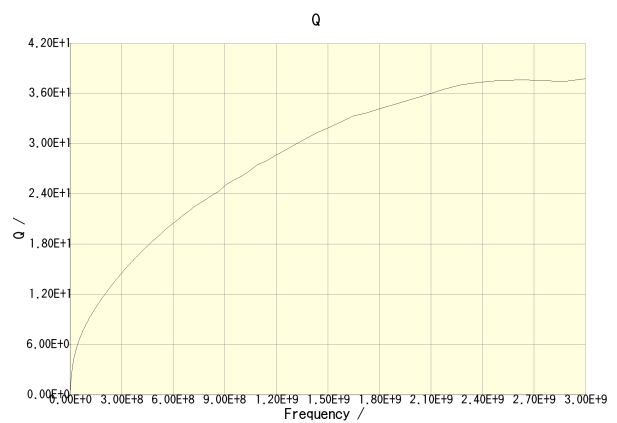
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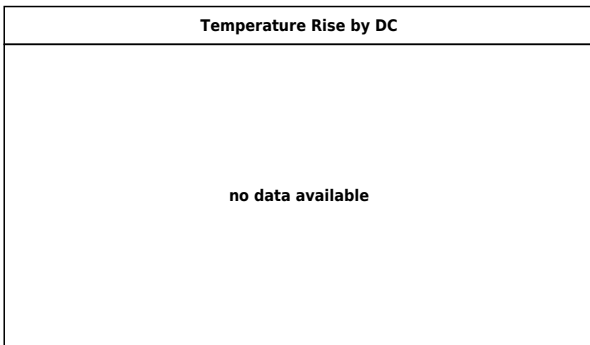
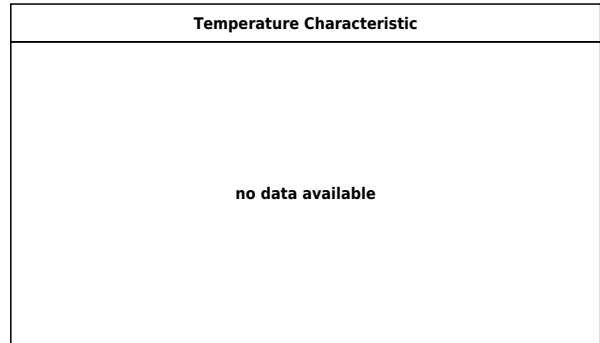
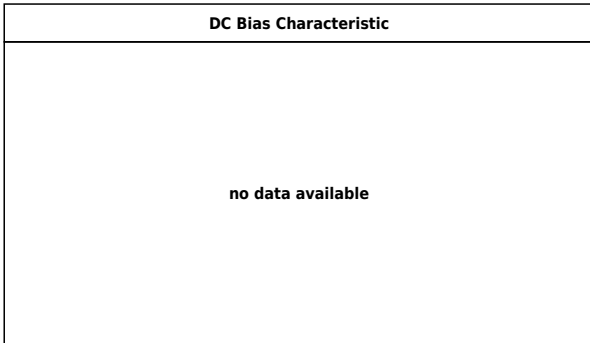


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