



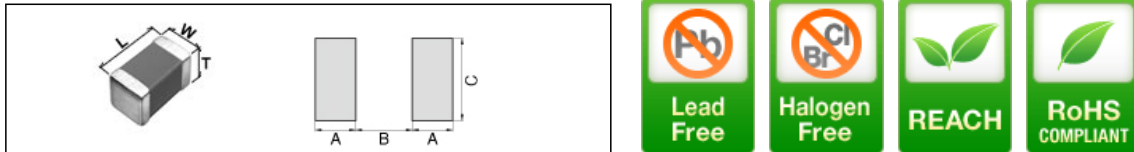


# MLF1005VR56JT000

Applications		Commercial Grade
Feature		Multilayer
		Magnetic Shield
		Ferrite Core
Series	MLF Series / MLF1005 Type	
Status	PROD	



Size	
Length(L)	1.00mm +/-0.05mm
Width(W)	0.50mm +/-0.05mm
Thickness(T)	0.50mm +/-0.05mm
Recommended Land Pattern (A)	0.50mm Nom.
Recommended Land Pattern (B)	0.40mm Nom.
Recommended Land Pattern (C)	0.50mm Nom.

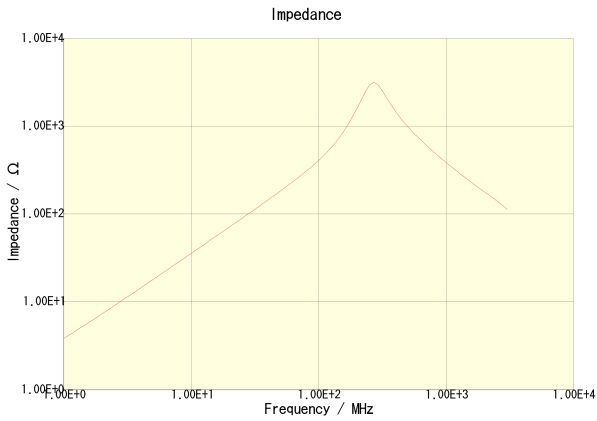
Electrical Characteristics	
Inductance	560nH +/-5% at 25MHz
Rated Current	120mA
Self-Resonant Frequency [Min.]	170MHz
Self-Resonant Frequency [Typ.]	250MHz
Q [Min.]	15 at 25MHz
Q [Typ.]	30 at 25MHz
DC Resistance [Nom.]	1.35Ω
DC Resistance [Max.]	1.95Ω

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	0.0012g

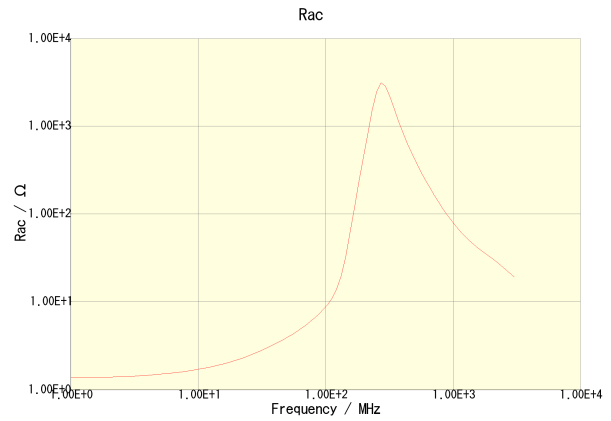
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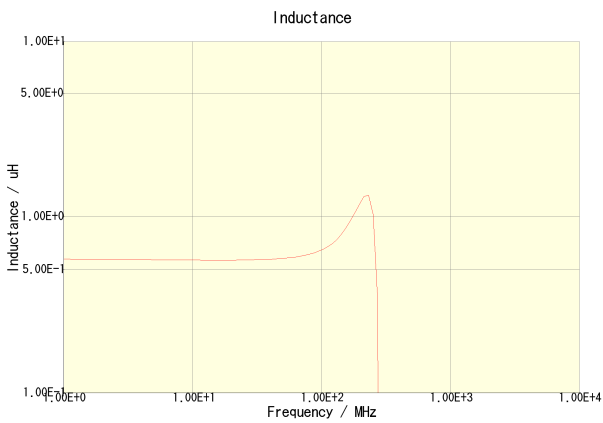
**Characteristic Graphs** (This is reference data, and does not guarantee the product's characteristics.)



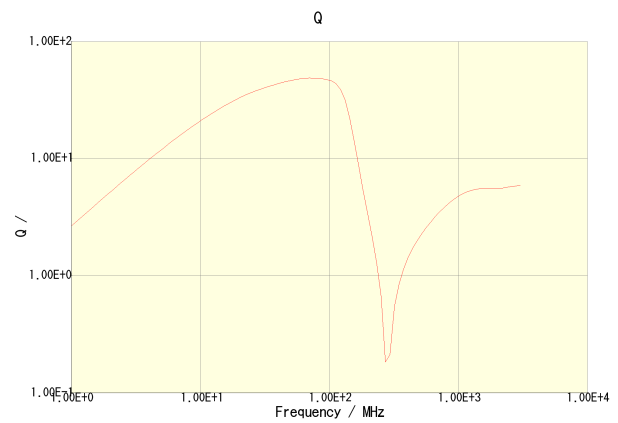
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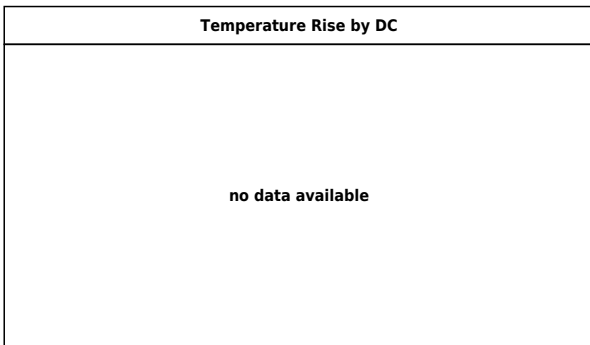
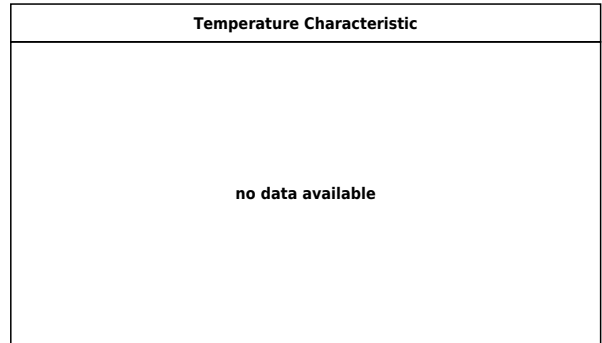
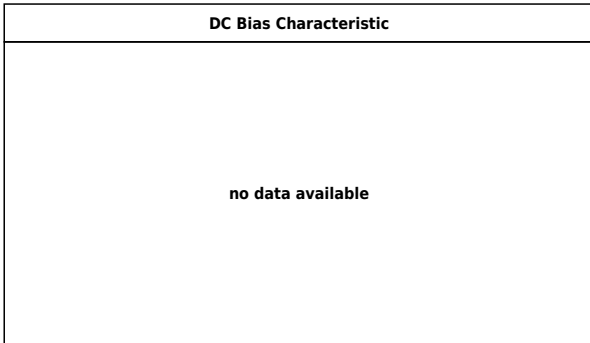


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