





# MLZ2012N4R7LT000

Applications		Commercial Grade
Feature		Multilayer
		Magnetic Shield
		Ferrite Core
Series	MLZ Series / MLZ2012 Type	
Status	Production	



Size	
Length(L)	2.00mm +/-0.20mm
Width(W)	1.25mm +/-0.20mm
Thickness(T)	0.85mm +/-0.20mm
Recommended Land Pattern (A)	0.80mm Nom.
Recommended Land Pattern (B)	1.00mm Nom.
Recommended Land Pattern (C)	1.20mm Nom.

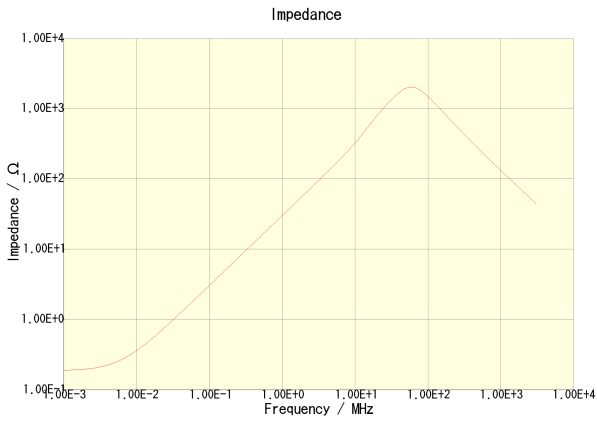
Electrical Characteristics	
Inductance	4.7uH +/-20% at 2MHz
Rated Current (L Change) [Max.]	130mA (50% Down)
Rated Current (Temperature Rise) [Typ.]	600mA (20degC Rise)
Self-Resonant Frequency [Min.]	
DC Resistance [Nom.]	180mΩ
DC Resistance [Max.]	234mΩ

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125degC
Soldering Method	Flow, Reflow, Iron Soldering
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000Pcs Min.
Weight	0.01g

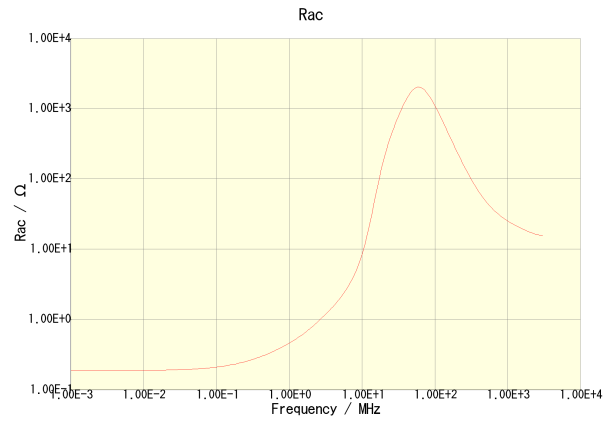
•This PDF document was created based on the data listed on the TDK Corporation website.  
 •All specifications are subject to change without notice.

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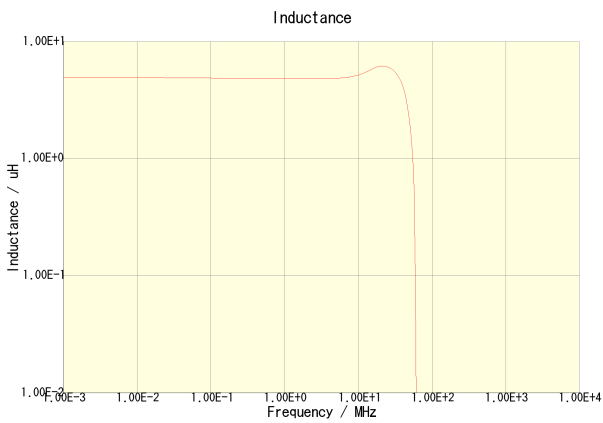
## Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



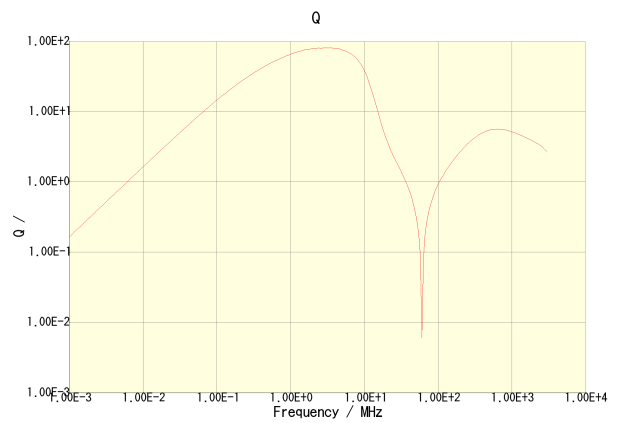
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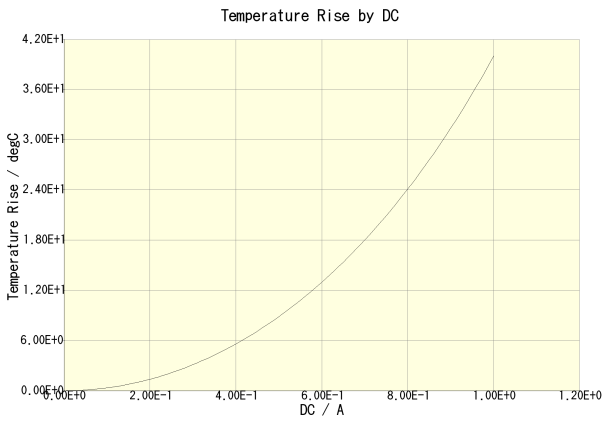
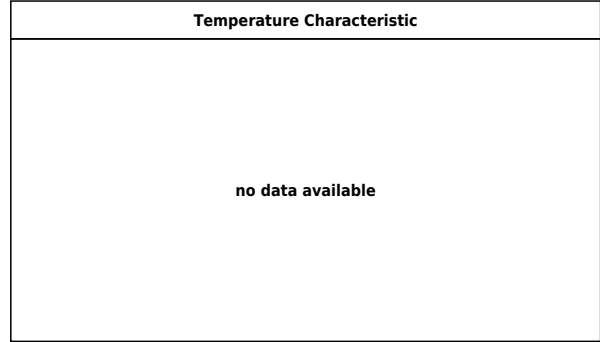
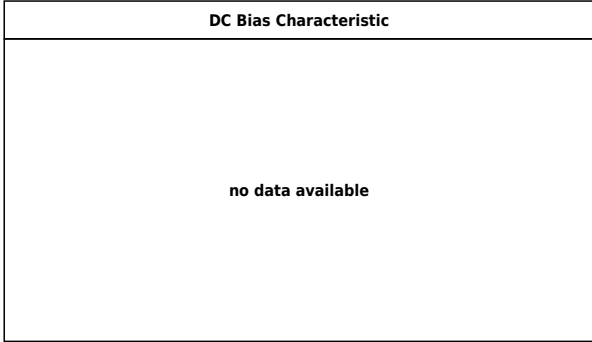


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**Characteristic Graphs** (This is reference data, and does not guarantee the product's characteristics.)



MLZ2012N4R7LT000(Amb. Temp. = 20degc)

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