

Inductors (Coils)

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MLZ2012A1R0MT000



Applications Commercial Grade

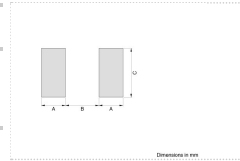
Feature

- Shield Magnetic Shield
- Multilayer Multilayer
- Ferrite Core Ferrite Core

Series | Type MLZ

Status Production (Not Recommended for New Design)
Recommended Alternate Part No. : [MLZ2012A1R0WT000](#)

Brand TDK



Images are for reference only and show exemplary products.

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Contact

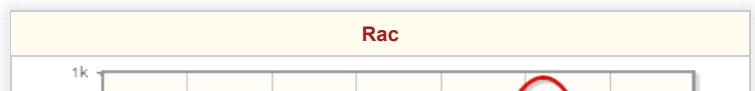
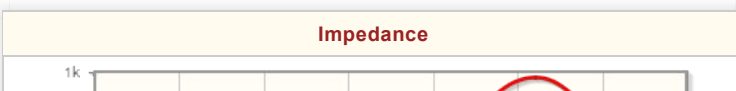
Documents
 Product Lineup

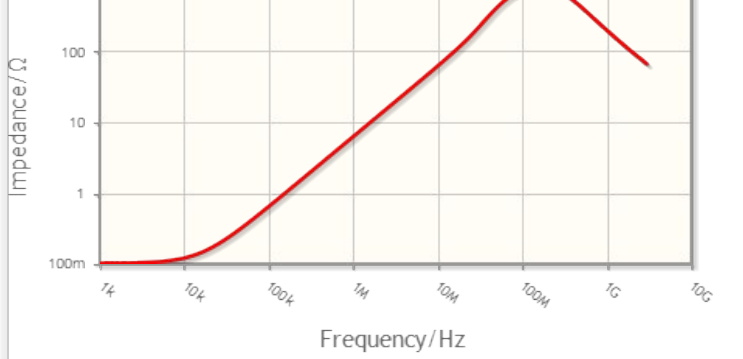
Size	
Length(L)	2.00mm ±0.20mm
Width(W)	1.25mm ±0.20mm
Thickness(T)	0.85mm ±0.20mm
Recommended Land Pattern (A)	0.80mm Nom.
Recommended Land Pattern (B)	1.00mm Nom.
Recommended Land Pattern (C)	1.20mm Nom.

Electrical Characteristics	
Inductance	1μH ±20% at 10MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	220mA (50% Down)
Rated Current (Temperature Rise) [Typ.]	220mA (20°C Rise)
Rated Current (Temperature Rise) [Max.]	220mA (20°C Rise)
DC Resistance [Typ.]	120mΩ
DC Resistance [Max.]	156mΩ
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

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

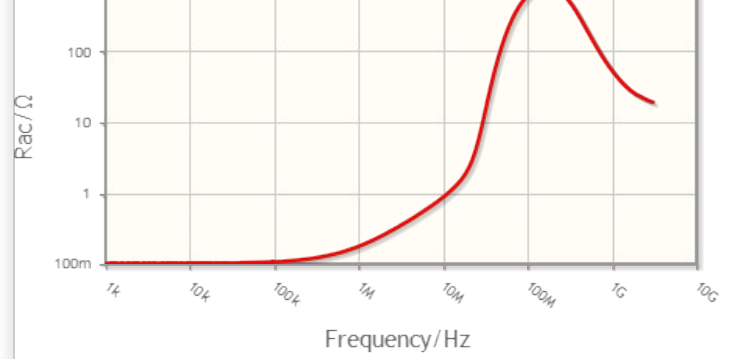
Characteristic Graph (This is reference data, and does not guarantee the products characteristics.)





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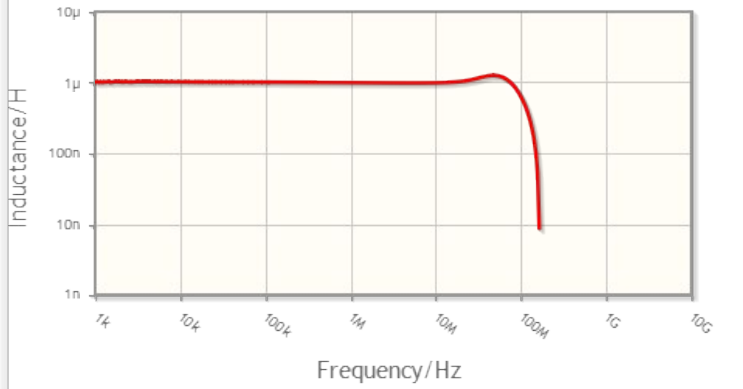
Change settings



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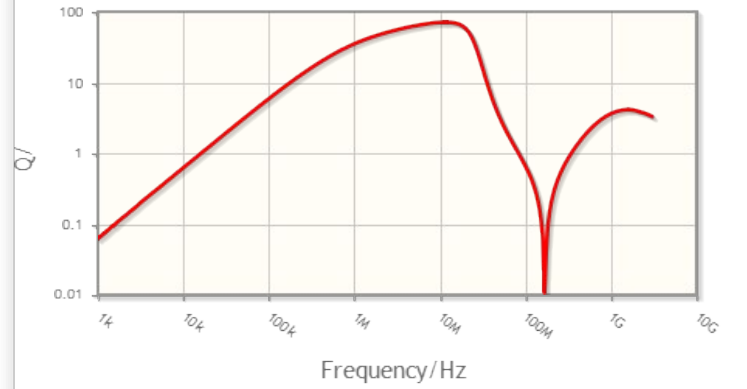
Inductance



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Change settings

Q



MLZ2012A1R0MT000

Change settings

DC Bias Characteristic

no data available

Change settings

Temperature Characteristic

no data available

Change settings

Temperature Rise by DC

no data available

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