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Inc

Inductors (Coils)

Detailed Information

Inductors (Coils)

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MLZ2012E4R7MT000



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. : [MLZ2012M4R7WT000](#)

Brand

TDK



Images are for reference only
and show exemplary products.

PDF file of this page



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	4.7μH ±20% at 2MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	80mA (50% Down)
Rated Current (Temperature Rise) [Typ.]	80mA (20°C Rise)
Rated Current (Temperature Rise) [Max.]	80mA (20°C Rise)
DC Resistance [Typ.]	300mΩ
DC Resistance [Max.]	390mΩ
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

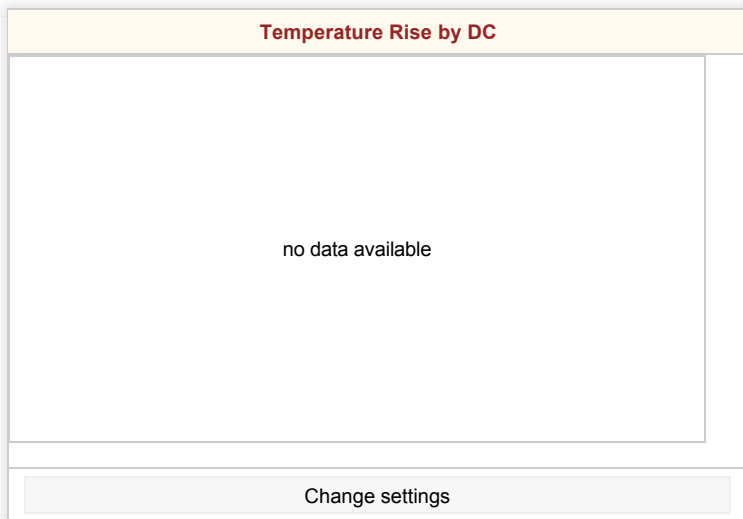
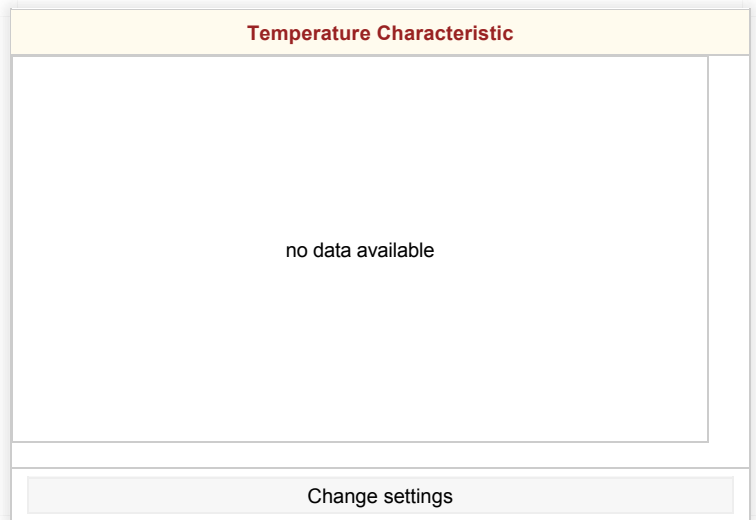
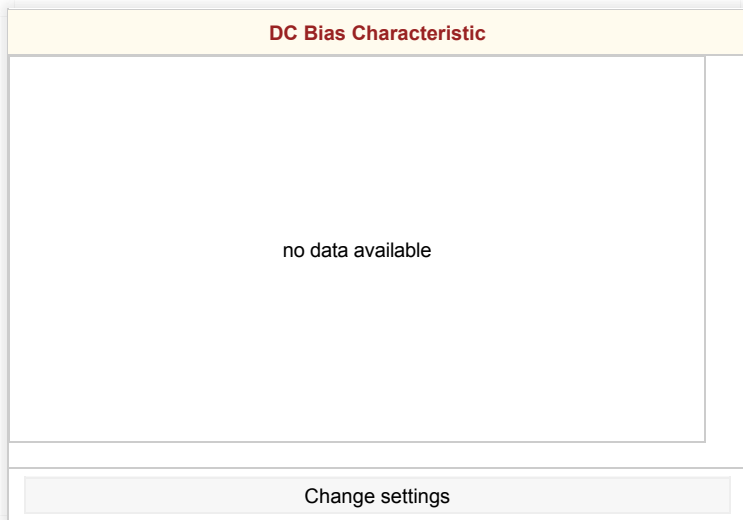
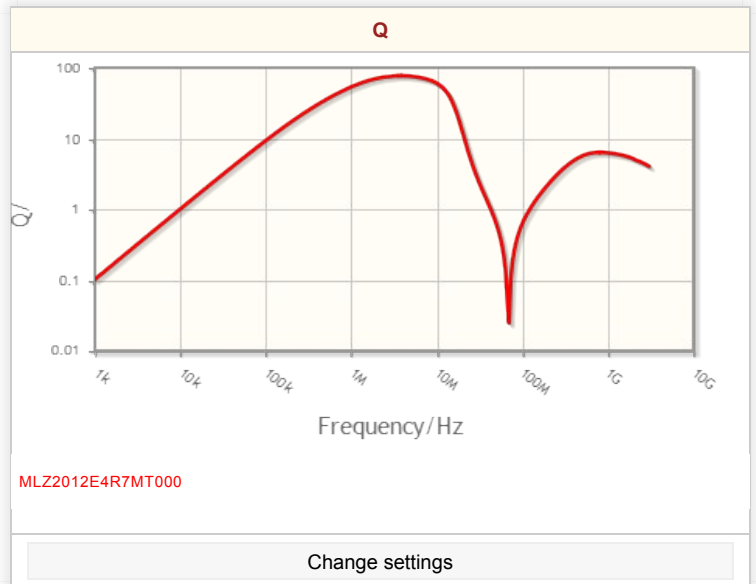
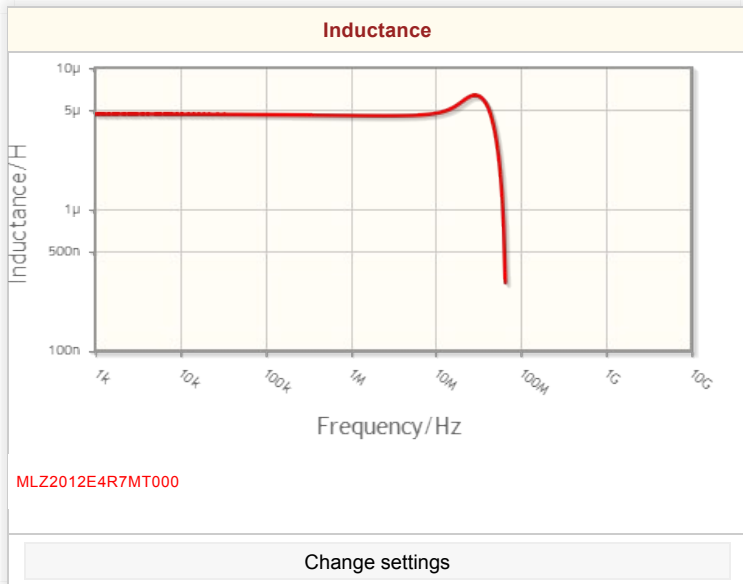
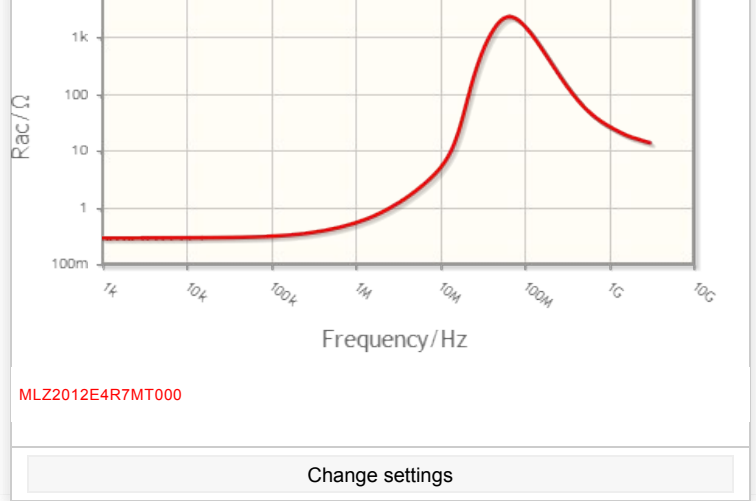
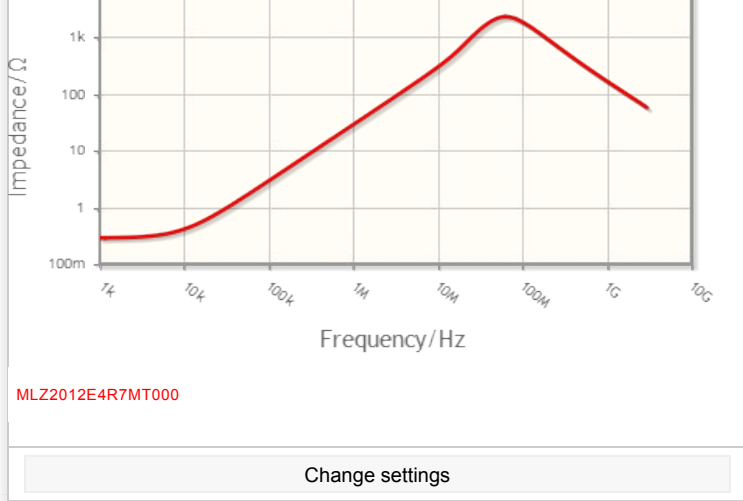
Characteristic Graph (This is reference data, and does not guarantee the products characteristics.)

Impedance

10k

Rac

10k



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