

MLF2012DR27KT000



Applications



Commercial Grade

Feature



Magnetic Shield



Multilayer



Ferrite Core

Series | Type

MLF

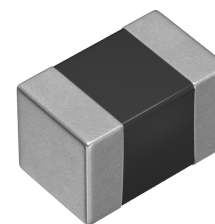
Status



Production

Brand

TDK



Size

Length(L)	2.00mm ±0.20mm
Width(W)	1.25mm ±0.20mm
Thickness Height	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	270nH ±10% at 25MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	
Rated Current (Temperature Rise) [Typ.]	
Rated Current (Temperature Rise) [Max.]	250mA
DC Resistance [Typ.]	180mΩ
DC Resistance [Max.]	350mΩ
Self Resonant Frequency [Min.]	220MHz
Self Resonant Frequency [Typ.]	300MHz
Q [Min.]	20
Q [Typ.]	30

Other

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

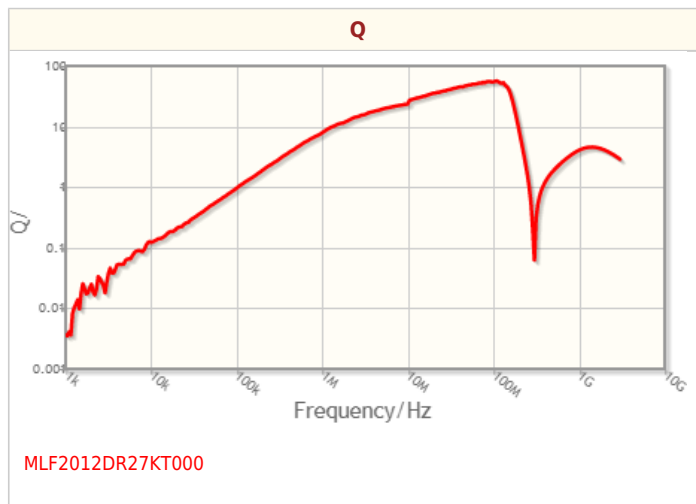
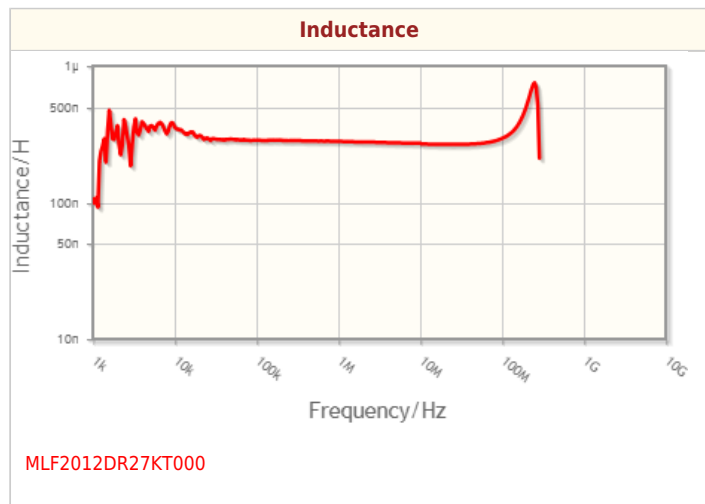
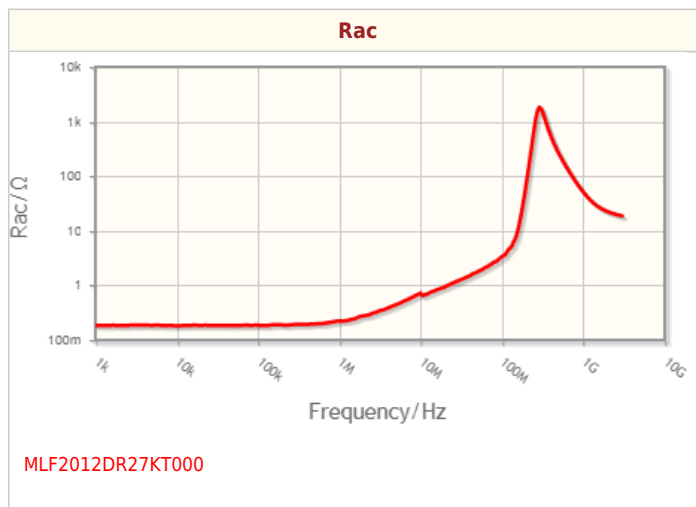
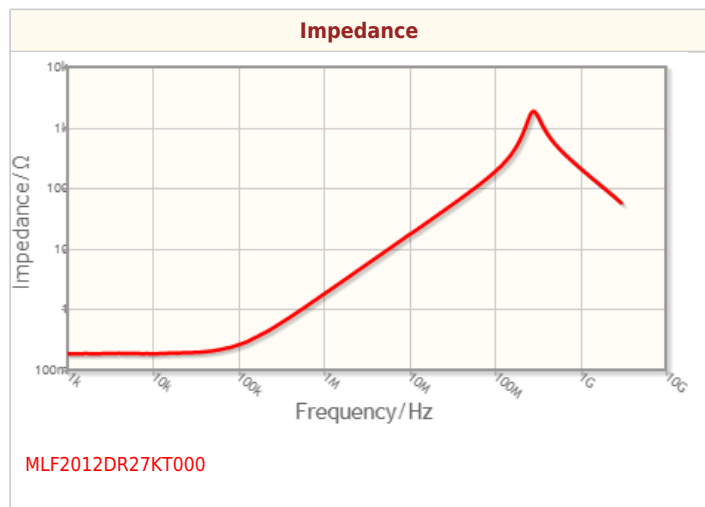
! Images are for reference only and show exemplary products.

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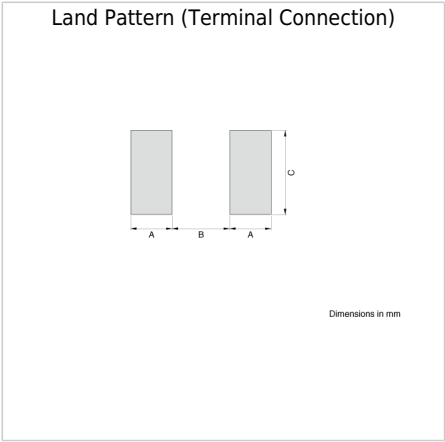
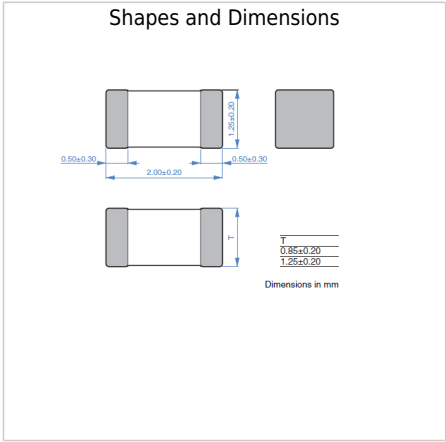


Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)





Associated Images



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