

MLF2012E5R6JT000



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	1.25mm ±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	5.6µH ±5% at 4MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	
Rated Current (Temperature Rise) [Typ.]	
Rated Current (Temperature Rise) [Max.]	15mA
DC Resistance [Typ.]	300mΩ
DC Resistance [Max.]	600mΩ
Self Resonant Frequency [Min.]	45MHz
Self Resonant Frequency [Typ.]	65MHz
Q [Min.]	50
Q [Typ.]	75

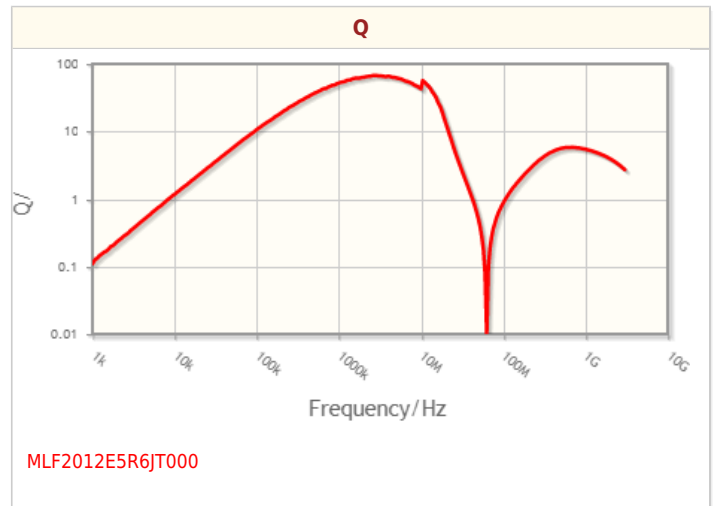
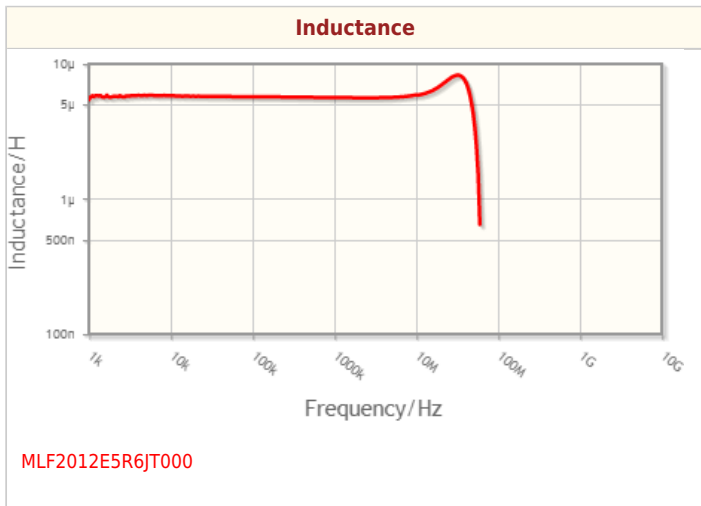
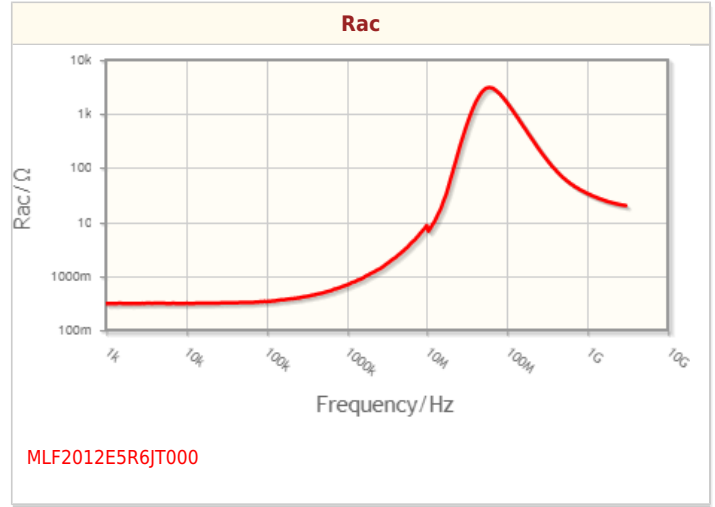
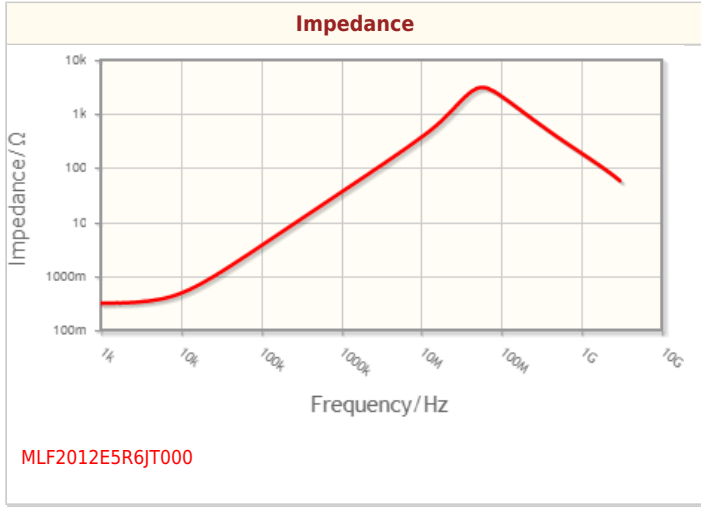
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125°C
Soldering Method	Reflow
	Iron Soldering
AEC-Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs
Weight	0.014g

! Images are for reference only and show exemplary products.
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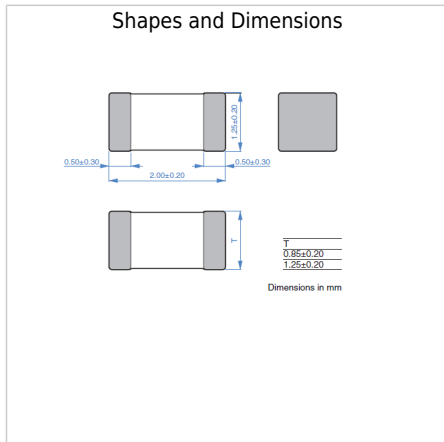
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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Associated Images



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