

MLF2012A4R7KT000

Product Status	Production
Applications	Commercial Grade
Feature	No Directivity
	Multilayer
	Shield
Ferrite Core	
Series Type	MLF
Status	Production
Brand	TDK
Environmental Compliance	 RoHS  REACH  Halogen Free  Lead Free



Size	
Length(L)	2.00mm \pm 0.20mm
Width(W)	1.25mm \pm 0.20mm
Thickness Height	1.25mm \pm 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	4.7 μ H \pm 10% at 10MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	30mA
Rated Current (Temperature Rise) [Typ.]	
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	350m Ω
DC Resistance [Max.]	700m Ω
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	50MHz
Self Resonant Frequency [Typ.]	70MHz
Q [Min.]	45 at 10MHz
Q [Typ.]	70 at 10MHz

Other	
Operating Temp. Range	-55 to 125°C
Soldering Method	Reflow Iron Soldering

! Images are for reference only and show exemplary products.

! This PDF document was created based on the data listed on the TDK Corporation website.

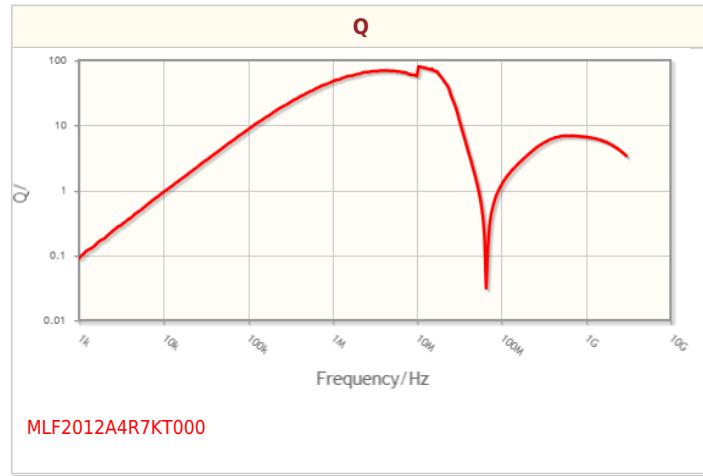
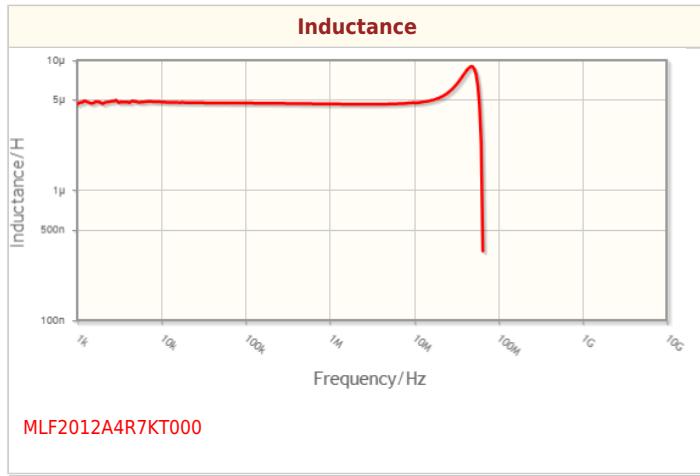
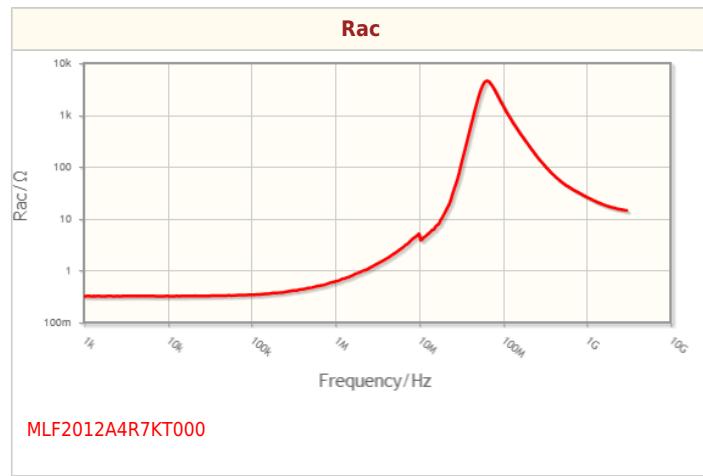
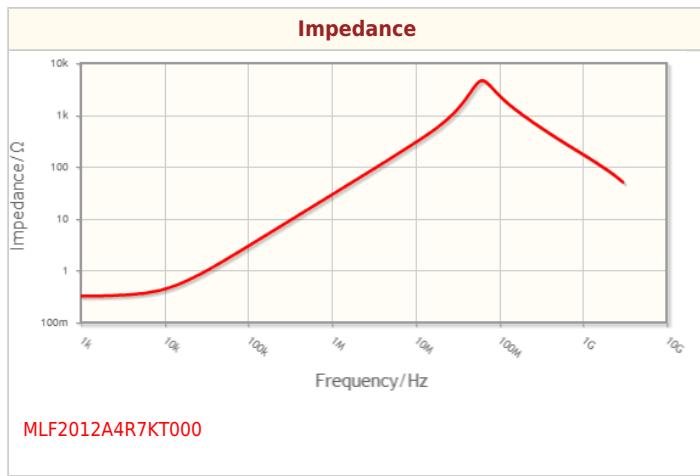
! All specifications are subject to change without notice.

AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs
Weight	0.014g
FIT (Failure In Time)	 This will be displayed when you login to myTDK

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



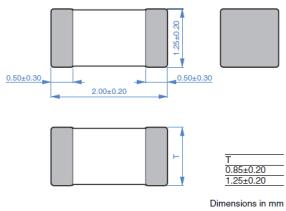
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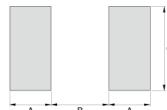
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Associated Images

Shapes and Dimensions



Land Pattern (Terminal Connection)



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