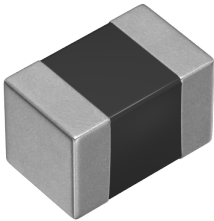


Product Status	Production
Applications	Commercial Grade
Feature	No DirectivityNo Directivity
	MultilayerMultilayer
	ShieldMagnetic Shield
	Ferrite CoreFerrite Core
Series Type	MLF
Brand	TDK
Environmental Compliance	RoHS REACH Halogen Free Lead Free



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	1.2μH ±10% at 10MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	80mA
Rated Current (Temperature Rise) [Typ.]	
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	150mΩ
DC Resistance [Max.]	350mΩ
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	110MHz
Self Resonant Frequency [Typ.]	150MHz
Q [Min.]	45 at 10MHz
Q [Typ.]	55 at 10MHz

Other	
Operating Temp. Range	-55 to 125°C
Soldering Method	Reflow
	Iron Soldering
AEC-Q200	NO
Packing	Punched (Paper)Taping [180mm Reel]

! Images are for reference only and show exemplary products.

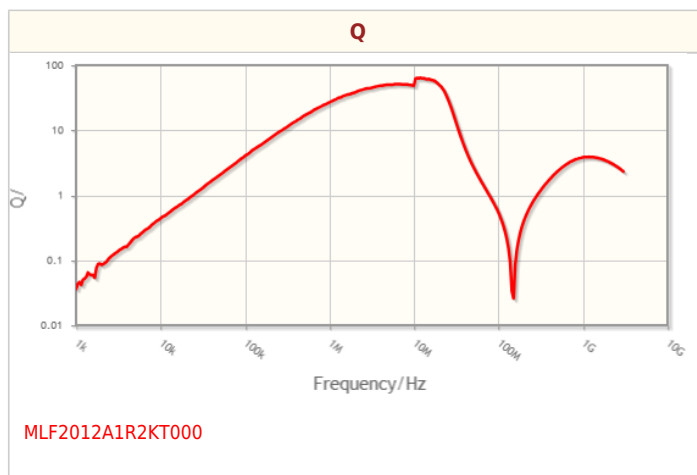
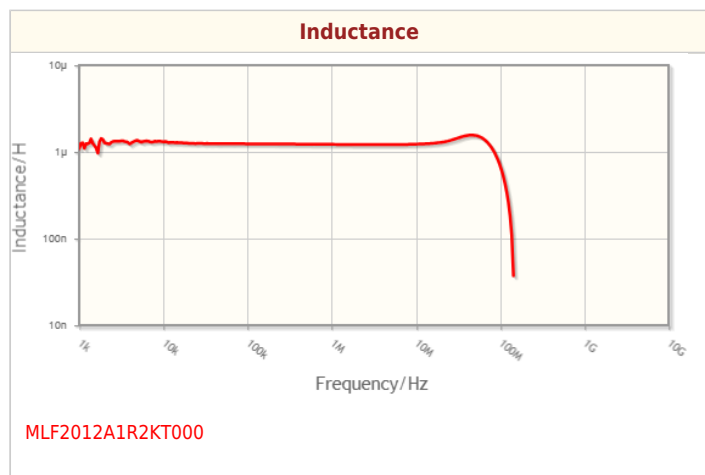
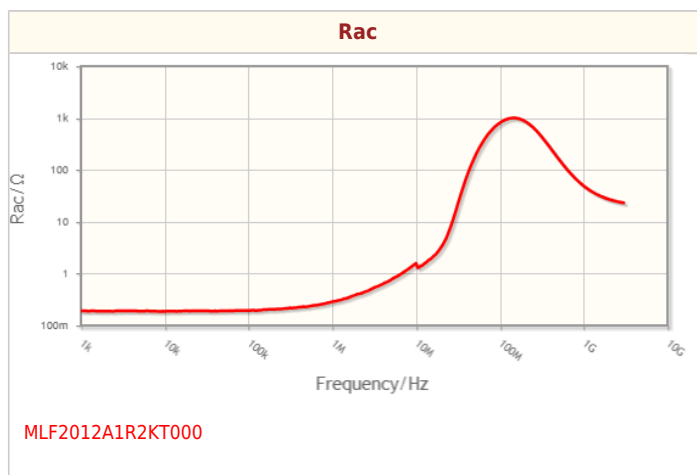
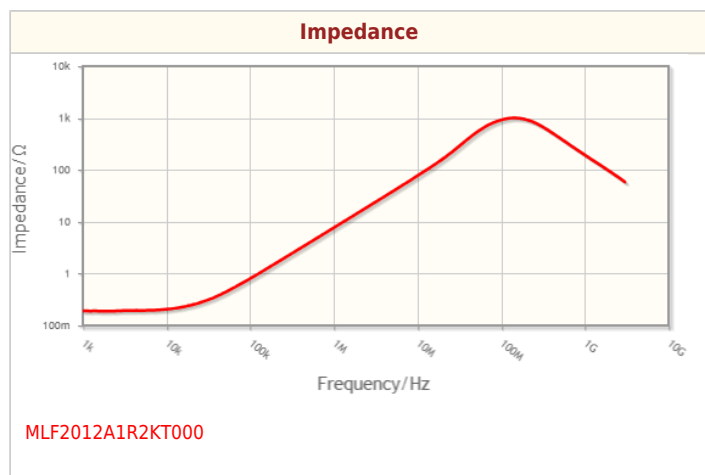
! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

Package Quantity	4000pcs
Weight	0.01g
FIT (Failure In Time)	 This will be displayed when you login to myTDK

MLF2012A1R2KT000

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



Associated Images

