

MLF2012D68NMT000

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



Size	
Length(L)	2.00mm ± 0.20 mm
Width(W)	1.25mm ± 0.20 mm
Thickness Height	0.85mm ± 0.20 mm
Recommended Land Pattern (A)	0.80mm Nom.
Recommended Land Pattern (B)	1.00mm Nom.
Recommended Land Pattern (C)	1.20mm Nom.

Electrical Characteristics	
Inductance	68nH $\pm 20\%$ at 50MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	300mA
Rated Current (Temperature Rise) [Typ.]	
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	80m Ω
DC Resistance [Max.]	150m Ω
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	500MHz
Self Resonant Frequency [Typ.]	600MHz
Q [Min.]	15 at 50MHz
Q [Typ.]	25 at 50MHz

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.

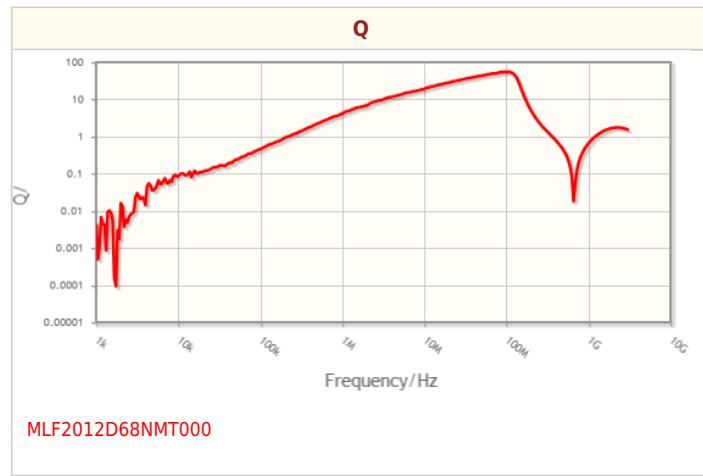
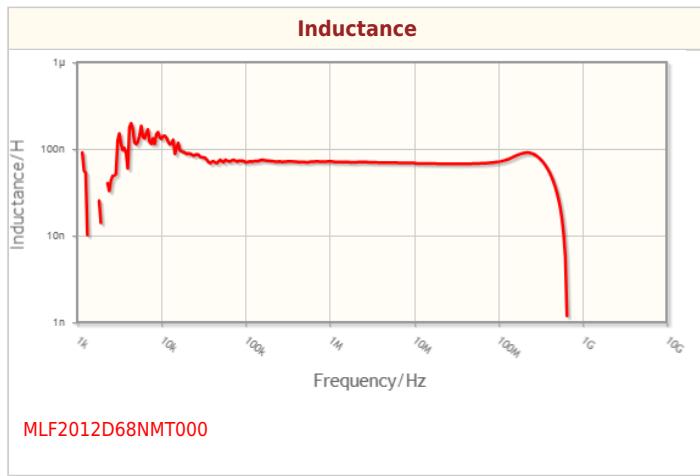
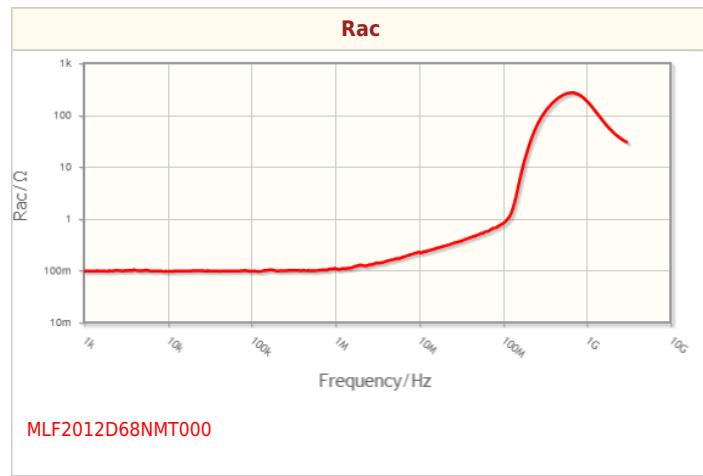
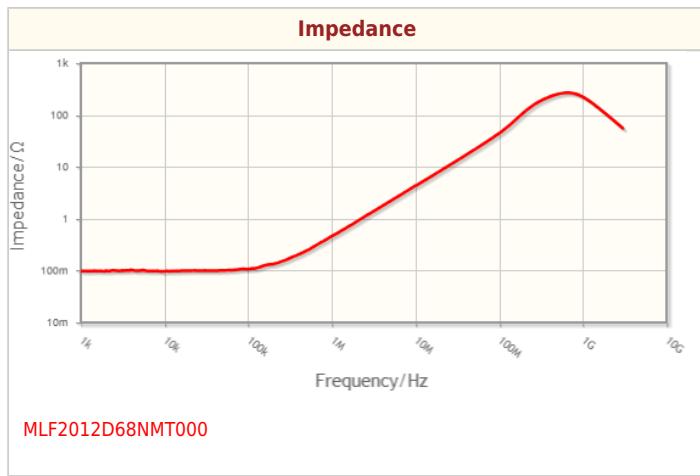
! All specifications are subject to change without notice.

AEC-Q200	NO
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000pcs
Weight	0.01g
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.)



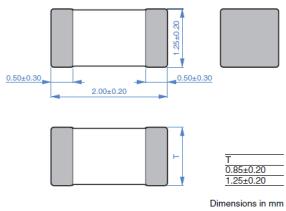
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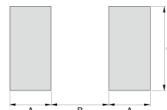
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Associated Images

Shapes and Dimensions



Land Pattern (Terminal Connection)



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