

MLF2012K560KT000

Product Status	Production
Applications	Commercial Grade
Feature	No Directivity
	Multilayer
	Shield
Series Type	MLF
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	1.25mm ± 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	56 μ H $\pm 10\%$ at 2MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	4mA
Rated Current (Temperature Rise) [Typ.]	
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	1.8 Ω
DC Resistance [Max.]	2.8 Ω
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	10MHz
Self Resonant Frequency [Typ.]	18MHz
Q [Min.]	35 at 2MHz
Q [Typ.]	55 at 2MHz

Other	
Operating Temp. Range	-40 to 85°C
Soldering Method	Reflow Iron Soldering
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel]

! Images are for reference only and show exemplary products.

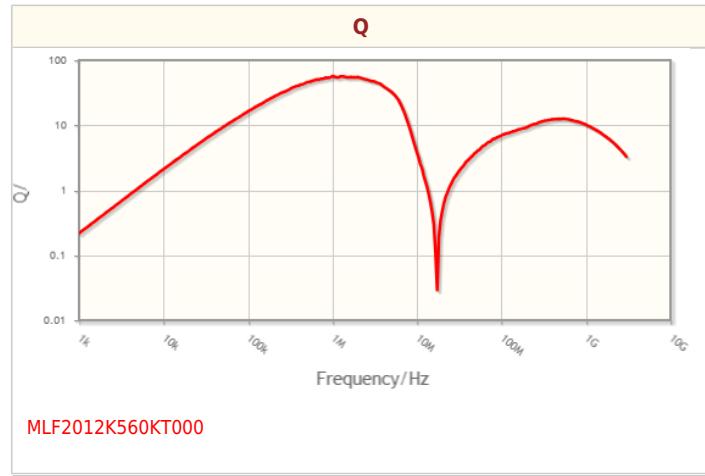
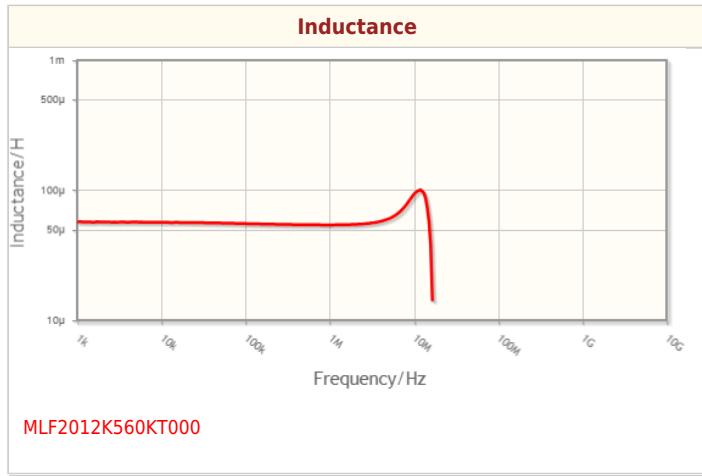
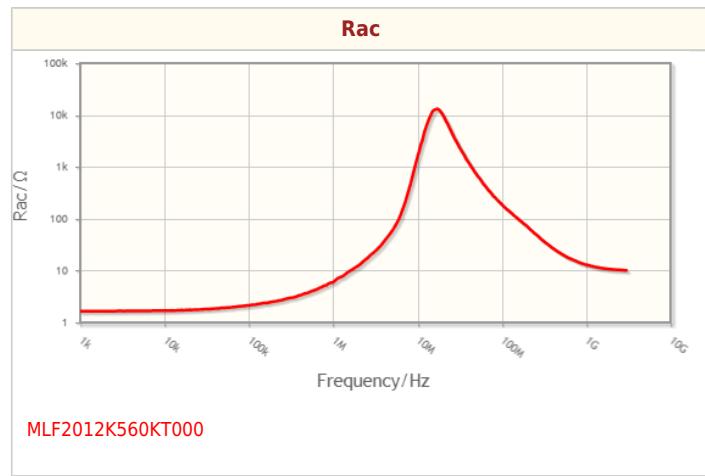
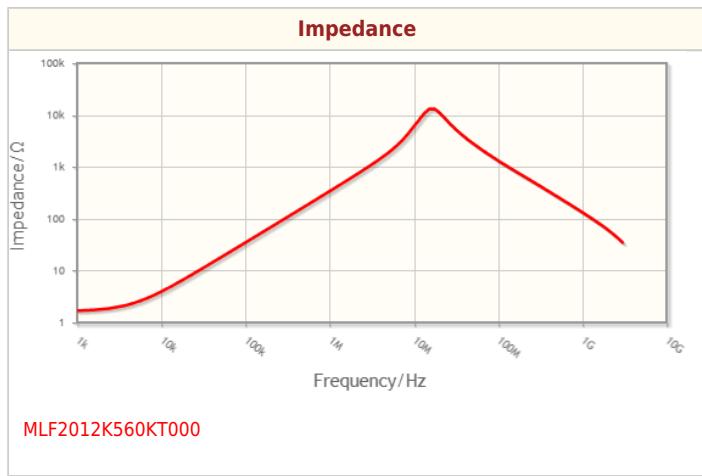
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! All specifications are subject to change without notice.

Package Quantity	2000pcs
Weight	0.014g

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



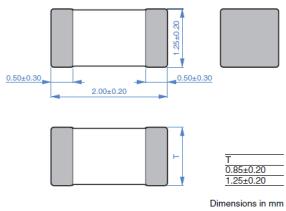
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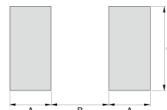
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Associated Images

Shapes and Dimensions



Land Pattern (Terminal Connection)



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