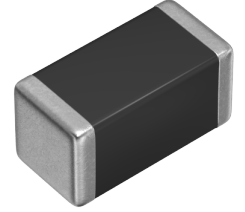


MLF1005VR47KT000



Applications	Commercial Grade
Feature	<div style="display: flex; flex-direction: column; gap: 5px;"> <div style="border: 1px solid purple; padding: 2px;">No Directivity</div> <div style="border: 1px solid red; padding: 2px;">Multilayer</div> <div style="border: 1px solid green; padding: 2px;">Shield</div> <div style="border: 1px solid grey; padding: 2px;">Ferrite Core</div> </div>
Series Type	MLF
Status	Production
Brand	TDK



Size	
Length(L)	1.00mm ±0.05mm
Width(W)	0.50mm ±0.05mm
Thickness Height	0.50mm ±0.05mm
Recommended Land Pattern (A)	0.50mm Nom.
Recommended Land Pattern (B)	0.40mm Nom.
Recommended Land Pattern (C)	0.50mm Nom.

Electrical Characteristics	
Inductance	470nH ±10% at 25MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	120mA
Rated Current (Temperature Rise) [Typ.]	
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	950mΩ
DC Resistance [Max.]	1.5Ω
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	190MHz
Self Resonant Frequency [Typ.]	300MHz
Q [Min.]	15 at 25MHz
Q [Typ.]	30 at 25MHz

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-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.

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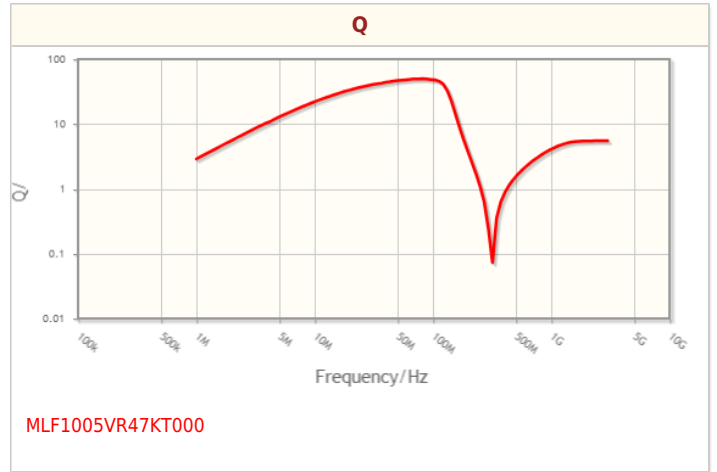
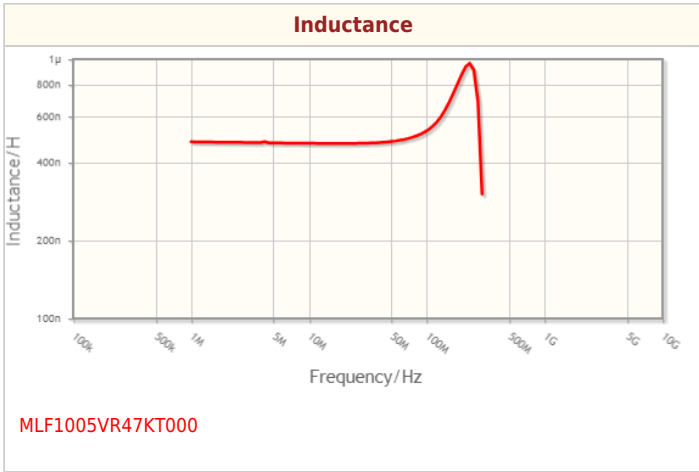
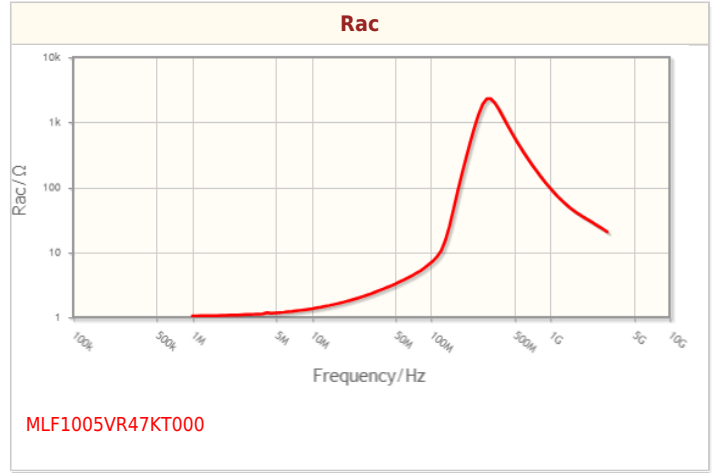
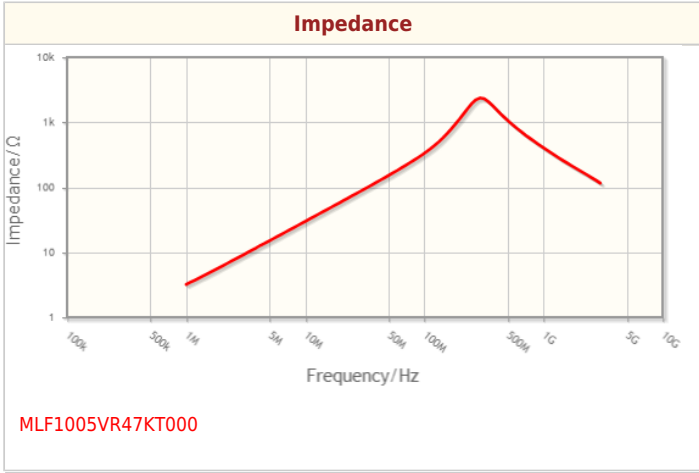
Package Quantity	10000pcs
Weight	0.0012g

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



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Associated Images

