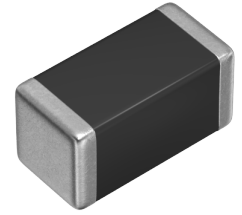


MLF1005G1R2KT000



Applications	Commercial Grade
Feature	<p> No Directivity</p> <p> Multilayer</p> <p> Magnetic Shield</p> <p> Ferrite Core</p>
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	1.2µH ±10% at 10MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	35mA
Rated Current (Temperature Rise) [Typ.]	
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	550mΩ
DC Resistance [Max.]	790mΩ
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	110MHz
Self Resonant Frequency [Typ.]	230MHz
Q [Min.]	30 at 10MHz
Q [Typ.]	60 at 10MHz

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.

MLF1005G1R2KT000



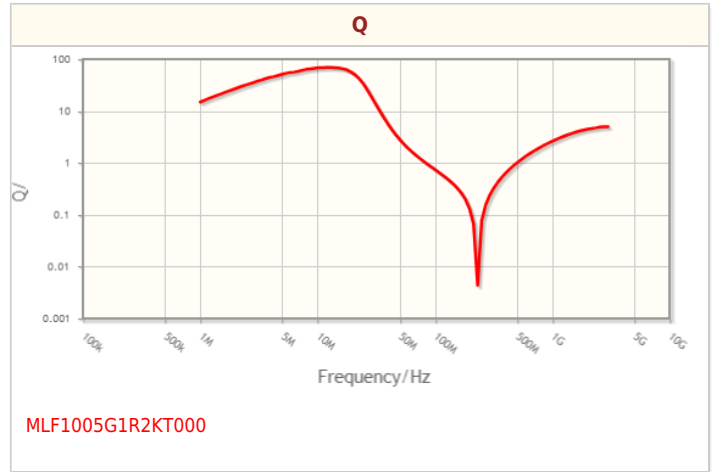
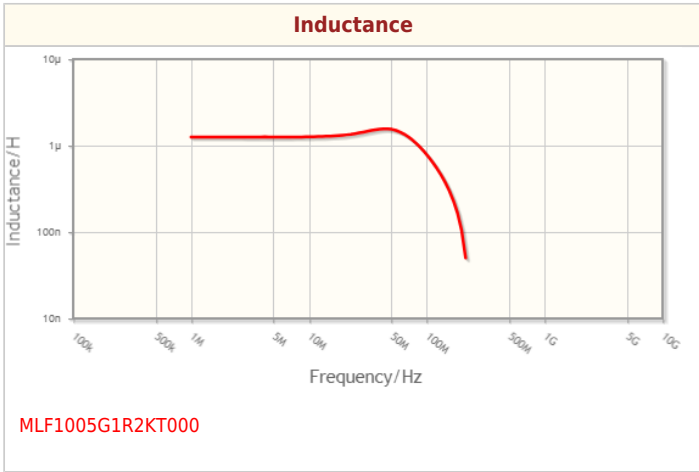
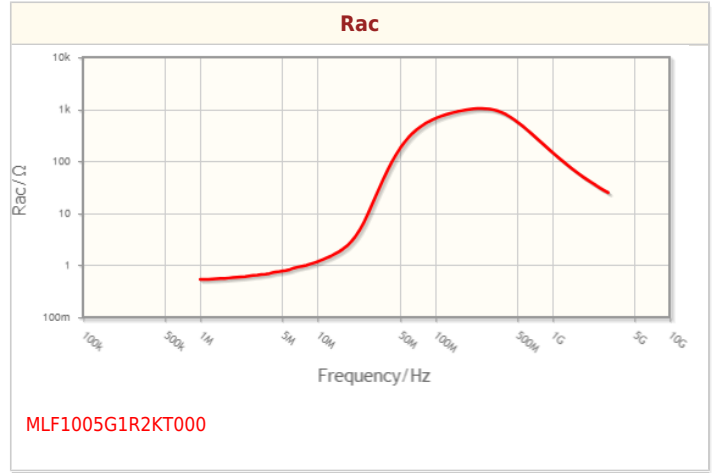
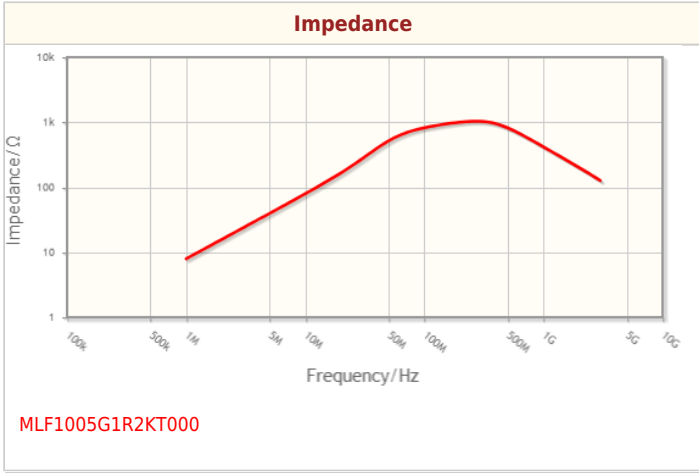
Package Quantity	10000pcs
Weight	0.0012g

! 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.

MLF1005G1R2KT000



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

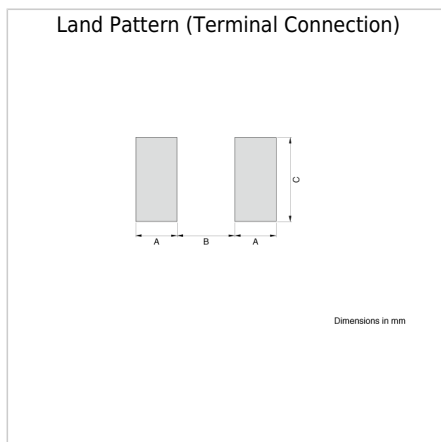
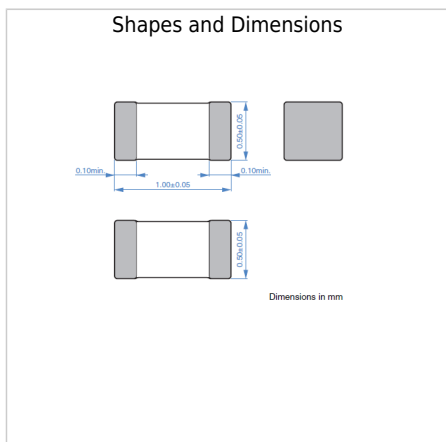


! Images are for reference only and show exemplary products.
! This PDF document was created based on the data listed on the TDK Corporation website.
! All specifications are subject to change without notice.

MLF1005G1R2KT000



Associated Images



! 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.