

MLF2012DR33KT000

Product Status	Production
Applications	Commercial Grade
Feature	<p>No Directivity</p> <p>Multilayer</p> <p>Shield</p> <p>Ferrite Core</p>
Series   Type	MLF
Brand	TDK
Environmental Compliance	 RoHS  REACH  Halogen Free  Lead Free



Size	
Length(L)	2.00mm $\pm 0.20$ mm
Width(W)	1.25mm $\pm 0.20$ mm
Thickness   Height	0.85mm $\pm 0.20$ 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	330nH $\pm 10\%$ at 25MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	250mA
Rated Current (Temperature Rise) [Typ.]	
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	230m $\Omega$
DC Resistance [Max.]	400m $\Omega$
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	200MHz
Self Resonant Frequency [Typ.]	270MHz
Q [Min.]	20 at 25MHz
Q [Typ.]	30 at 25MHz

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.

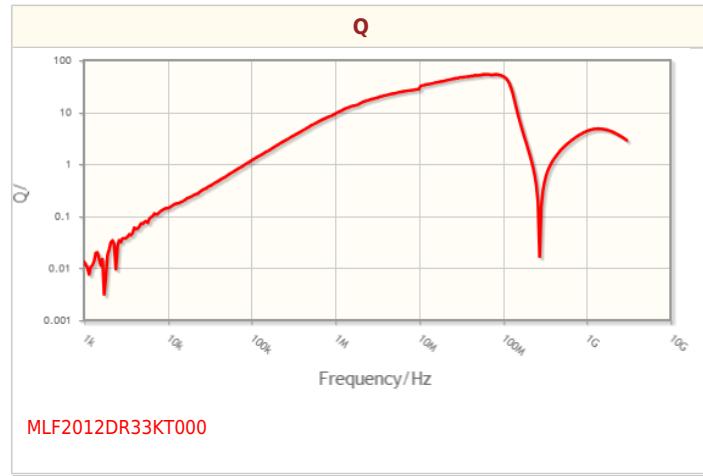
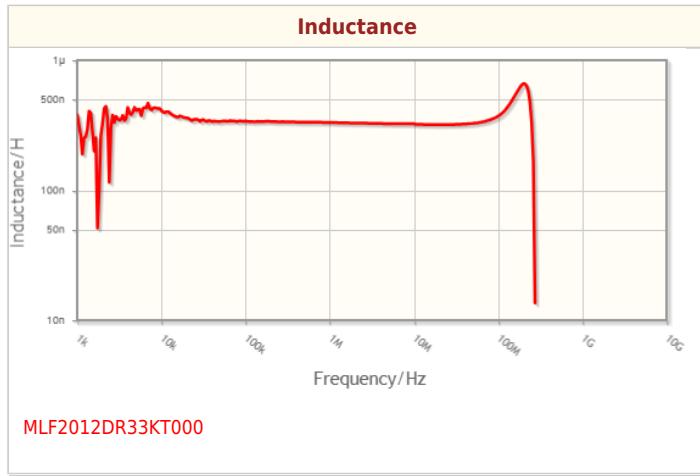
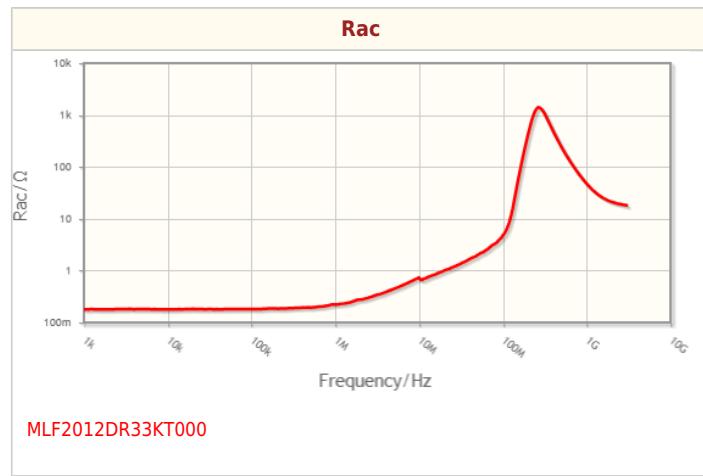
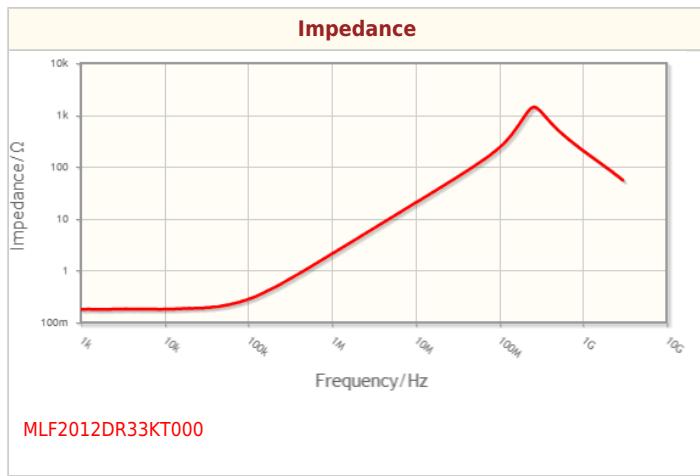
Package Quantity	4000pcs
------------------	---------

Weight	0.01g
--------	-------

! 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.

MLF2012DR33KT000

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



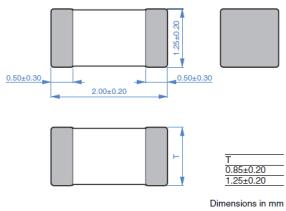
! Images are for reference only and show exemplary products.

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

! All specifications are subject to change without notice.

## Associated Images

Shapes and Dimensions



Land Pattern (Terminal Connection)



! 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.