

MLF1608A1R5MTA00

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



Size	
Length(L)	1.60mm $\pm 0.15$ mm
Width(W)	0.80mm $\pm 0.15$ mm
Thickness   Height	0.80mm $\pm 0.15$ mm
Recommended Land Pattern (A)	0.60mm Nom.
Recommended Land Pattern (B)	0.80mm Nom.
Recommended Land Pattern (C)	0.80mm Nom.

Electrical Characteristics	
Inductance	1.5 $\mu$ H $\pm 20\%$ at 10MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	50mA
Rated Current (Temperature Rise) [Typ.]	
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	300m $\Omega$
DC Resistance [Max.]	700m $\Omega$
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	100MHz
Self Resonant Frequency [Typ.]	140MHz
Q [Min.]	35 at 10MHz
Q [Typ.]	55 at 10MHz

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.

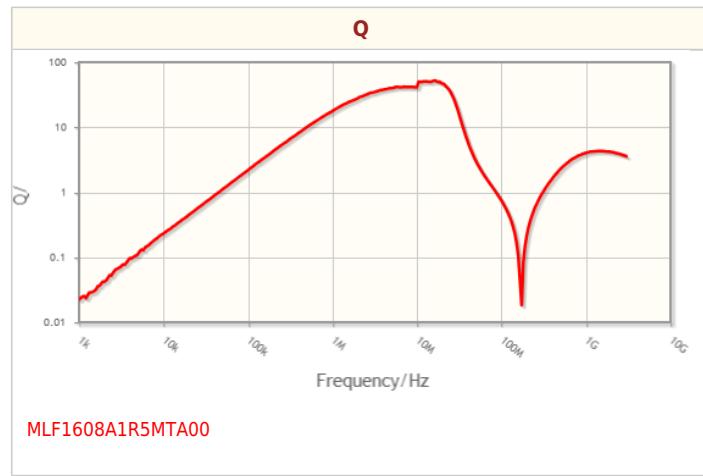
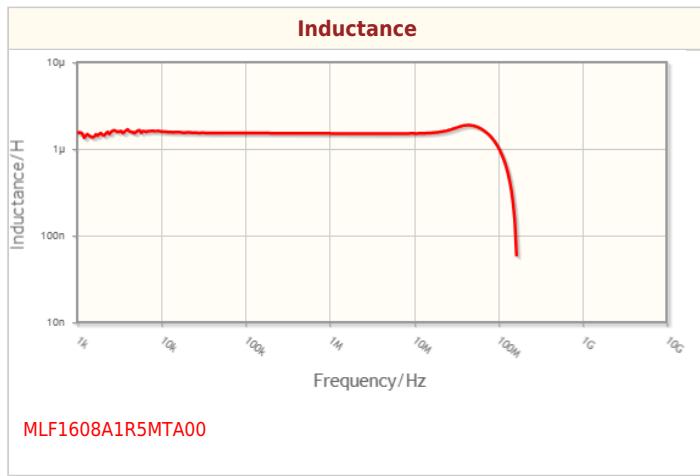
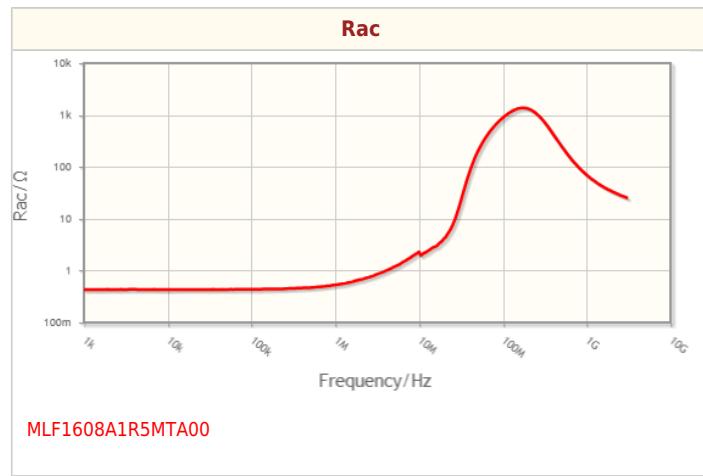
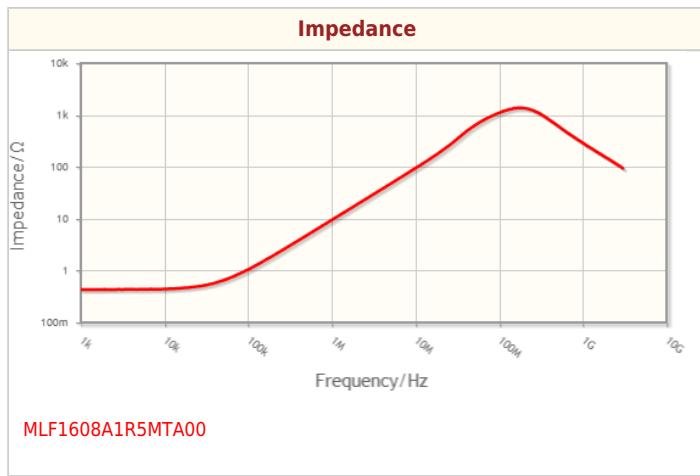
! All specifications are subject to change without notice.

Package Quantity	4000pcs
Weight	0.004g

! 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.

MLF1608A1R5MTA00

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



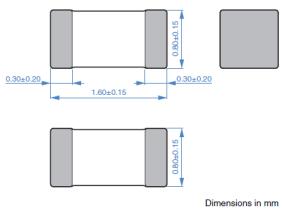
! Images are for reference only and show exemplary products.

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

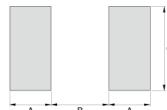
! All specifications are subject to change without notice.

## Associated Images

Shapes and Dimensions



Land Pattern (Terminal Connection)



Dimensions in mm

! 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.