

MLF1608E6R8KTA00

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 ± 0.15 mm
Width(W)	0.80mm ± 0.15 mm
Thickness Height	0.80mm ± 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	6.8 μ H $\pm 10\%$ at 4MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	15mA
Rated Current (Temperature Rise) [Typ.]	
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	650m Ω
DC Resistance [Max.]	1.3 Ω
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	40MHz
Self Resonant Frequency [Typ.]	60MHz
Q [Min.]	35 at 4MHz
Q [Typ.]	60 at 4MHz

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.

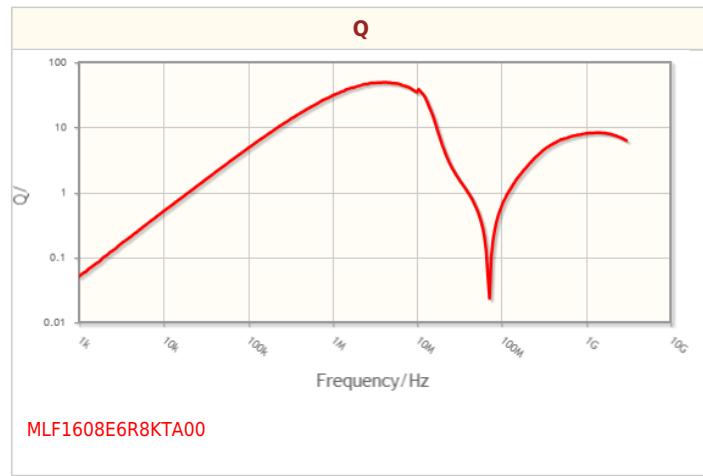
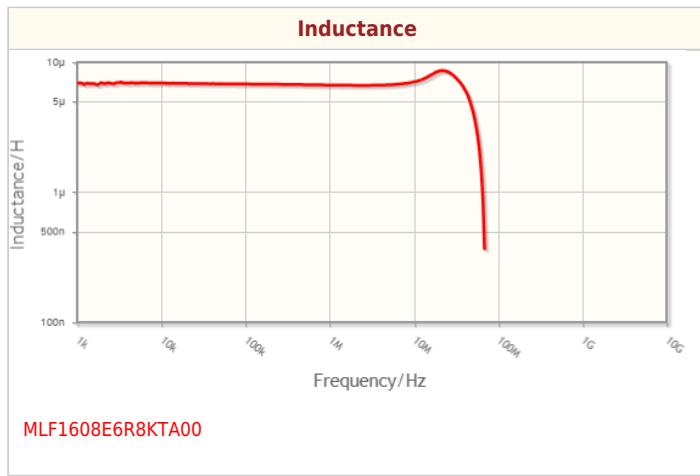
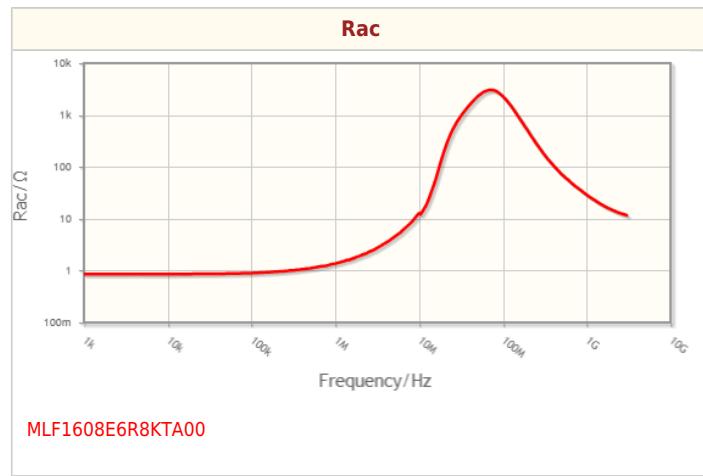
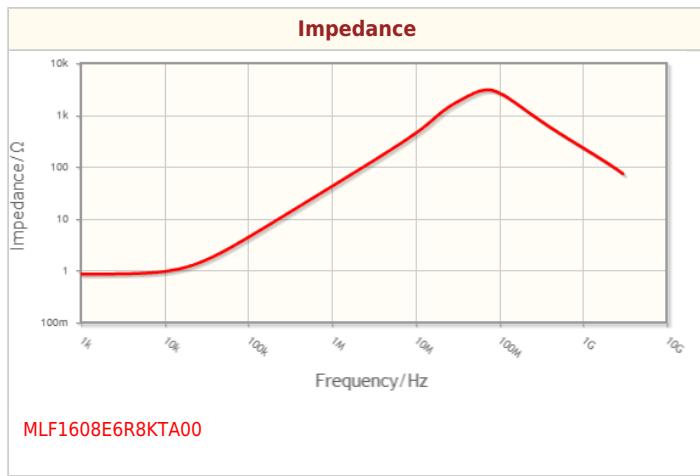
! This PDF document was created based on the data listed on the TDK Corporation website.

! 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.

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



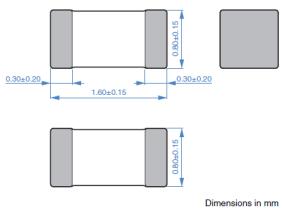
! Images are for reference only and show exemplary products.

! 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.