

MLF1608E5R6KTA00

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



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

Electrical Characteristics	
Inductance	5.6 $\mu$ 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.]	550m $\Omega$
DC Resistance [Max.]	1.1 $\Omega$
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	45MHz
Self Resonant Frequency [Typ.]	70MHz
Q [Min.]	35 at 4MHz
Q [Typ.]	60 at 4MHz

Other	
Operating Temp. Range	-55 to 125°C
Soldering Method	Reflow Iron Soldering

! Images are for reference only and show exemplary products.

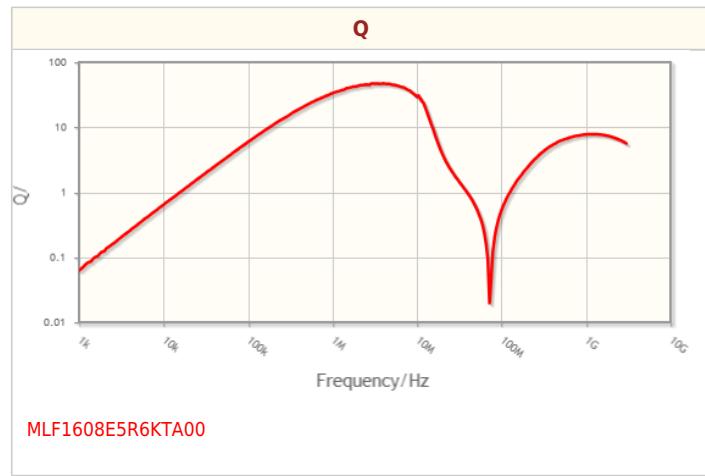
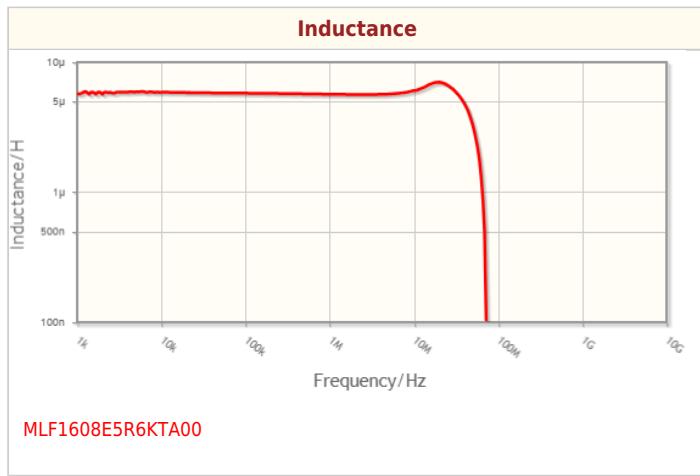
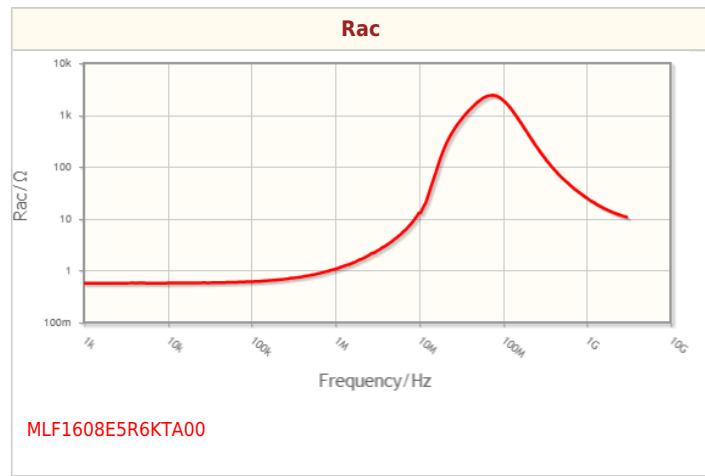
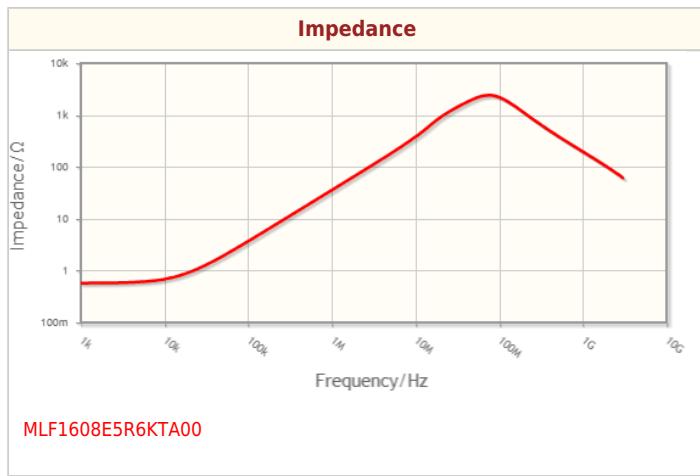
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! All specifications are subject to change without notice.

AEC-Q200	NO
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000pcs
Weight	0.004g
FIT (Failure In Time)	 This will be displayed when you <a href="#">login</a> to myTDK

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



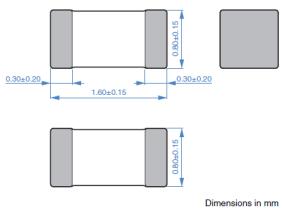
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## Associated Images

Shapes and Dimensions



Land Pattern (Terminal Connection)



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