

MLF1608A3R9KTA00

Product Status	Production
Applications	Commercial Grade
Feature	No Directivity
	Multilayer
	Shield
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	3.9 μ H $\pm 10\%$ at 10MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	30mA
Rated Current (Temperature Rise) [Typ.]	
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	650m Ω
DC Resistance [Max.]	1.45 Ω
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	60MHz
Self Resonant Frequency [Typ.]	90MHz
Q [Min.]	35 at 10MHz
Q [Typ.]	60 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.

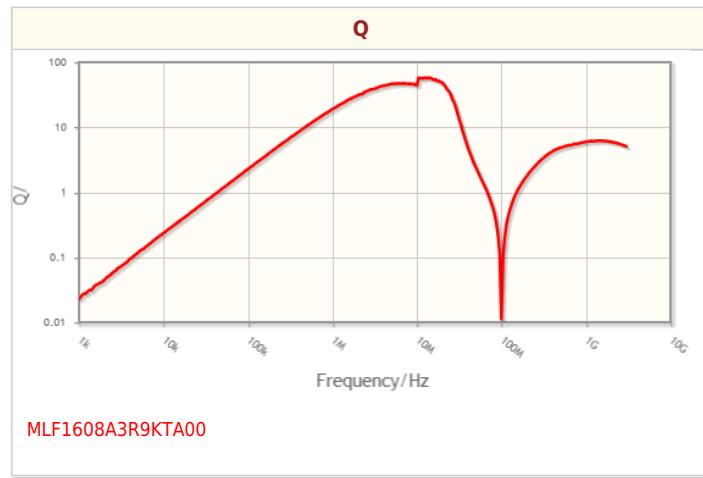
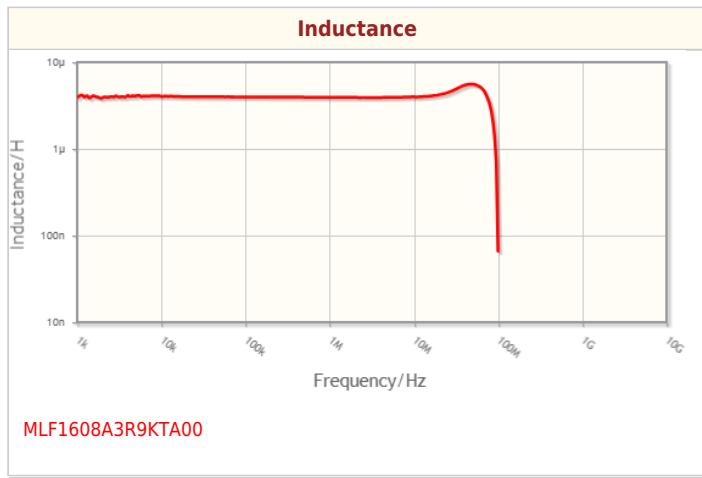
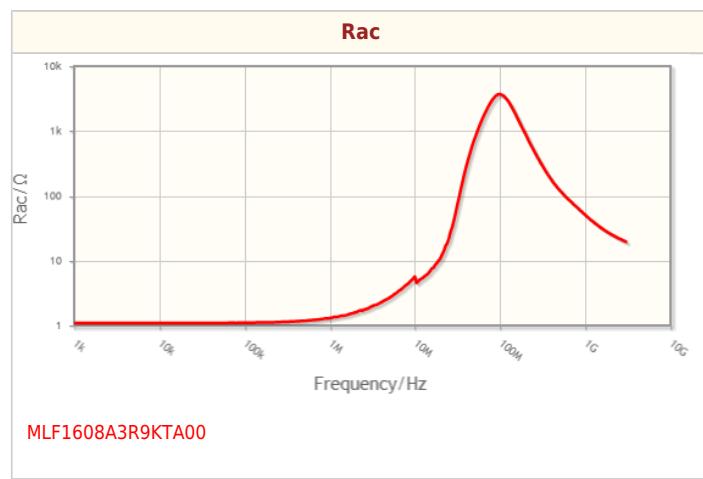
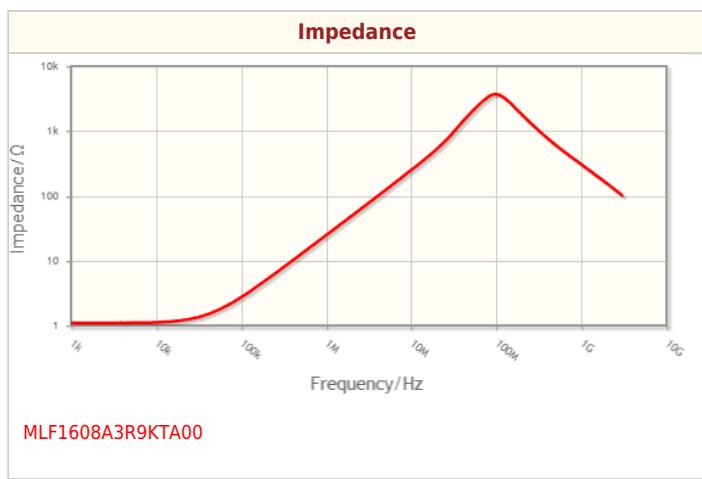
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! All specifications are subject to change without notice.

Package Quantity	4000pcs
Weight	0.004g

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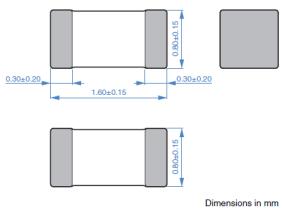
Characteristic Graphs (This is reference data, and does not guarantee the products characteristics.)



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Associated Images

Shapes and Dimensions



Land Pattern (Terminal Connection)



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