

MLZ1608DR10DT000

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



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

Electrical Characteristics	
Inductance	100nH $\pm 20\%$ at 25MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	700mA (50% Down)
Rated Current (Temperature Rise) [Typ.]	850mA (20°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	140mΩ
DC Resistance [Max.]	182mΩ
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

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.

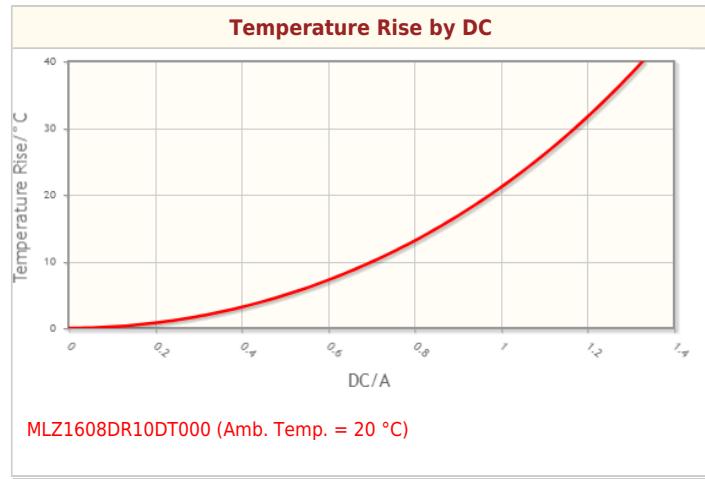
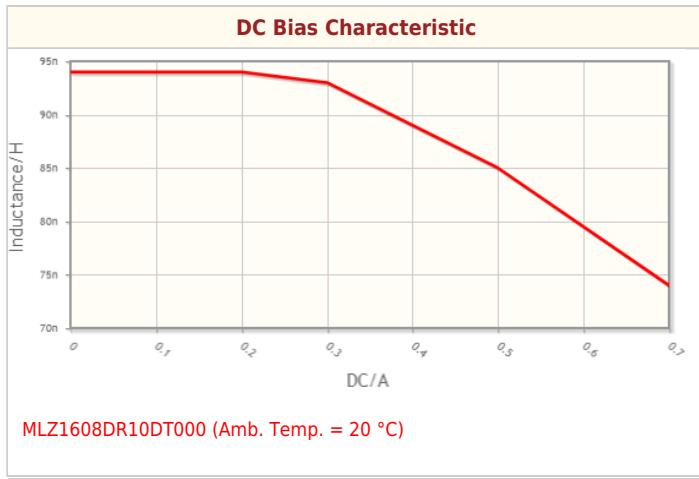
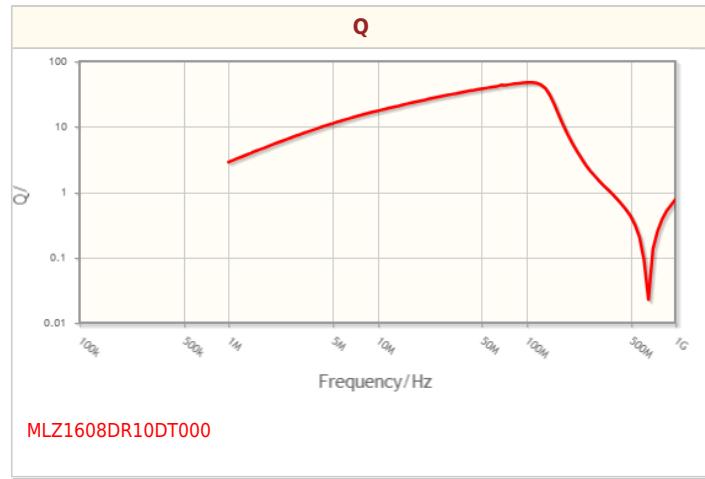
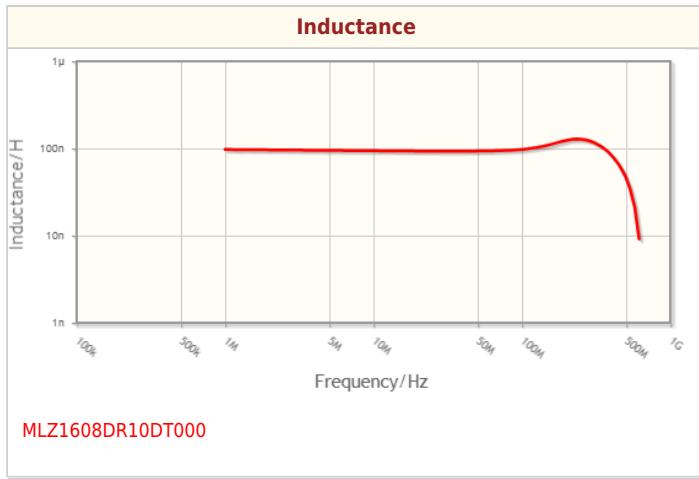
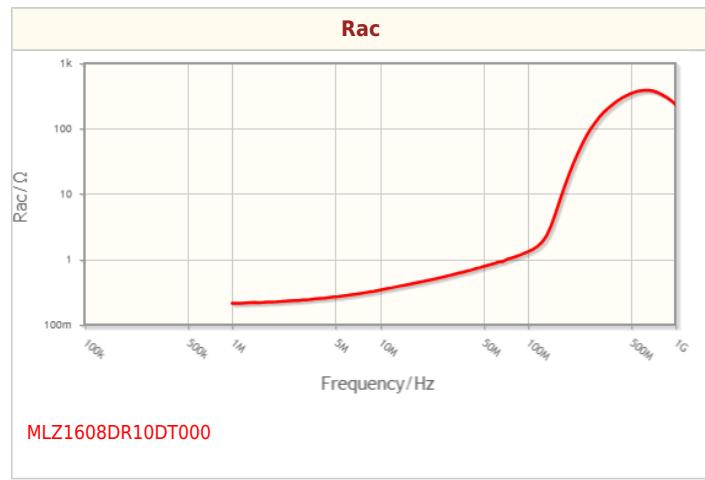
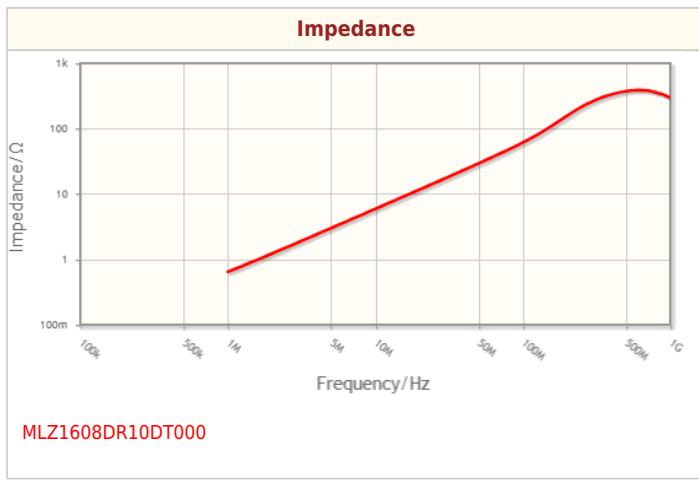
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Package Quantity	4000pcs
Weight	0.004g

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



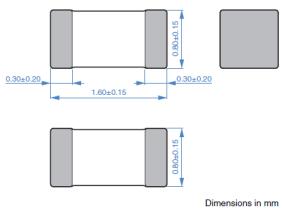
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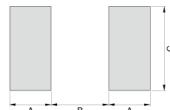
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Associated Images

Shapes and Dimensions



Land Pattern (Terminal Connection)



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