

MLZ1608N4R7LT000



Applications



Commercial Grade

Feature



Magnetic Shield



Multilayer



Ferrite Core

Series | Type

MLZ

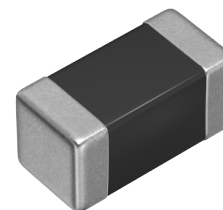
Status



Production

Brand

TDK



Size

Length(L)	1.60mm ±0.15mm
Width(W)	0.80mm ±0.15mm
Thickness Height	0.80mm ±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	4.7μH ±20% at 2MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	80mA (50% Down)
Rated Current (Temperature Rise) [Typ.]	400mA (20°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	320mΩ
DC Resistance [Max.]	416mΩ
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

Other

Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125°C
Soldering Method	Reflow Iron Soldering
AEC-Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000pcs
Weight	0.004g

! Images are for reference only and show exemplary products.

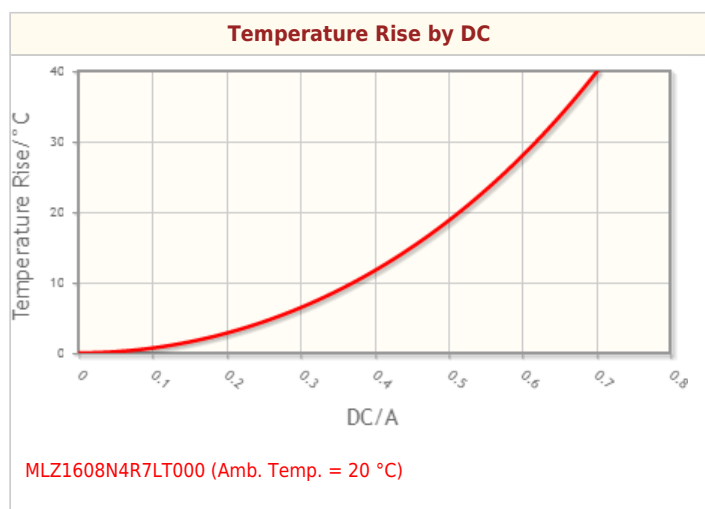
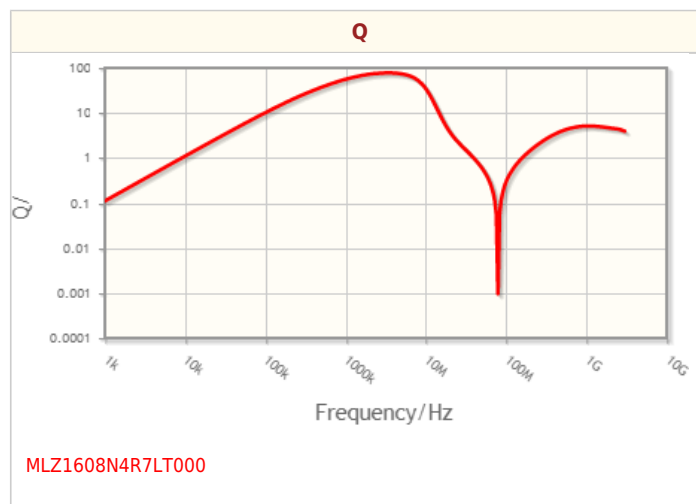
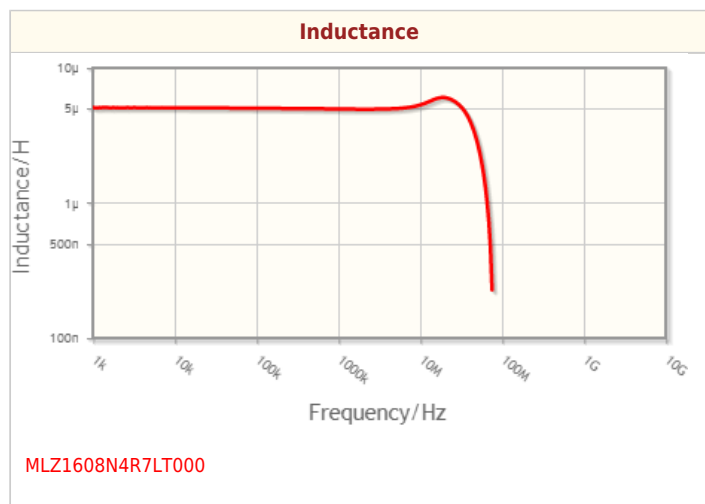
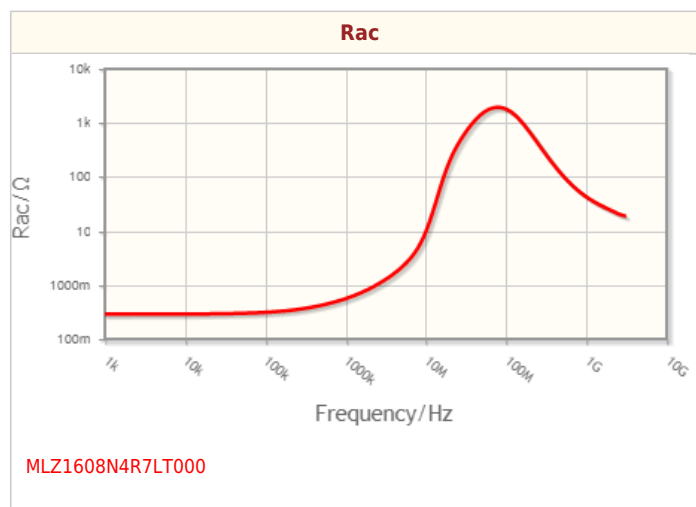
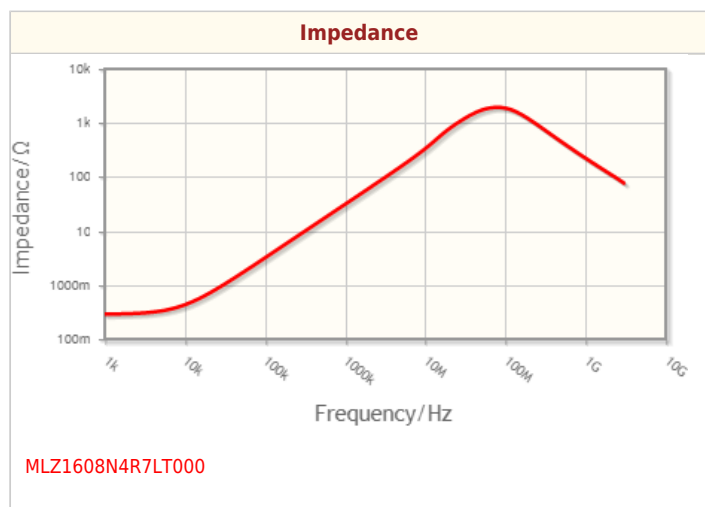
! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

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

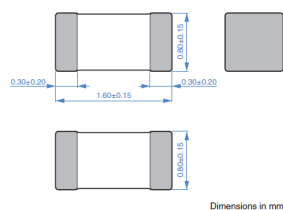


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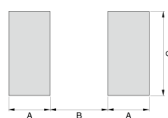
Associated Images

Shapes and Dimensions



Dimensions in mm

Land Pattern (Terminal Connection)



Dimensions in mm