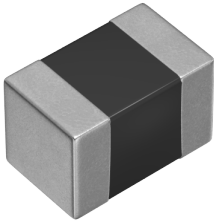


	Production (NRND)
Product Status	Recommended Alternate Part No. : MLZ2012DR47DT000 (Interchangeability is not guaranteed.)
Applications	Commercial Grade
Feature	MultilayerMultilayer ShieldMagnetic Shield Ferrite CoreFerrite Core
Series Type	MLZ
Brand	TDK
Environmental Compliance	<div><div>RoHS</div><div>REACH</div><div>Halogen Free</div><div>Lead Free</div></div>



Size	
Length(L)	2.00mm ±0.20mm
Width(W)	1.25mm ±0.20mm
Thickness Height	1.25mm ±0.20mm
Recommended Land Pattern (A)	0.80mm Nom.
Recommended Land Pattern (B)	1.00mm Nom.
Recommended Land Pattern (C)	1.20mm Nom.

Electrical Characteristics	
Inductance	470nH ±20% at 25MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	550mA (50% Down)
Rated Current (Temperature Rise) [Typ.]	550mA (20°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	180mΩ
DC Resistance [Max.]	234mΩ
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

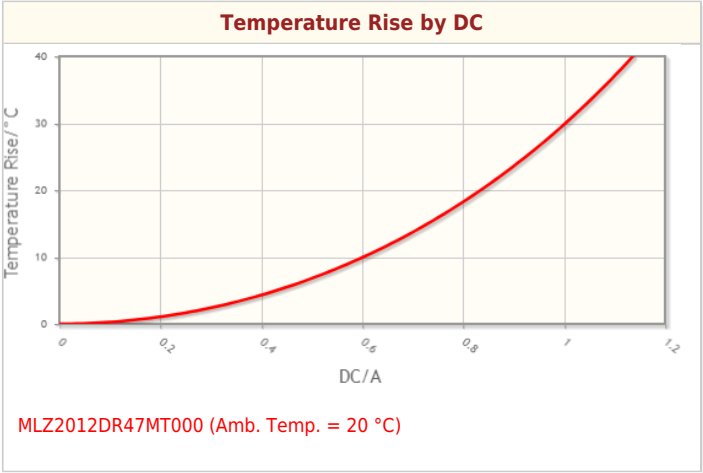
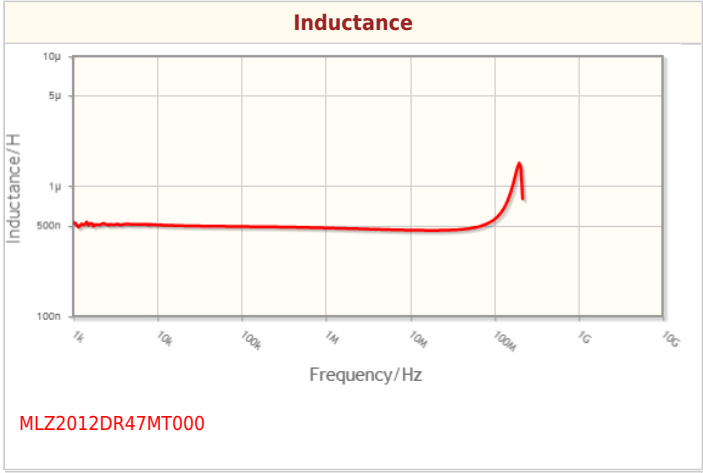
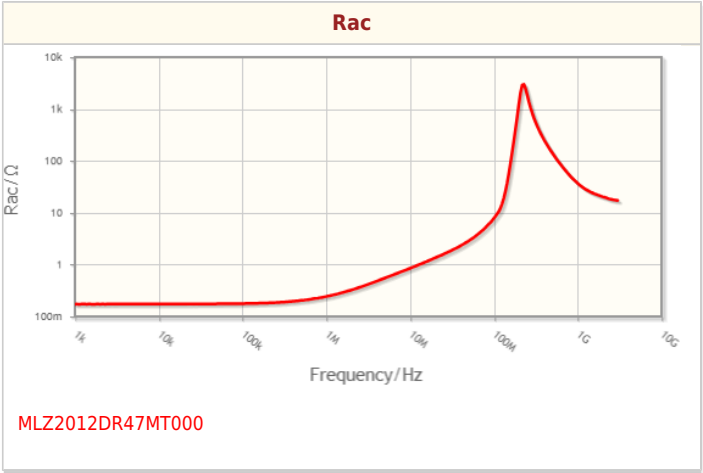
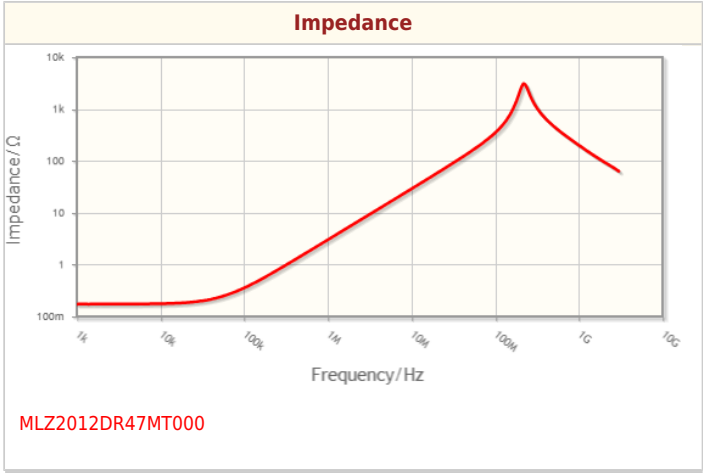
! Images are for reference only and show exemplary products.

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

! All specifications are subject to change without notice.

Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs
Weight	0.014g

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



Associated Images

