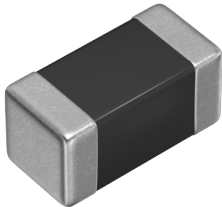


	Production (NRND)
Product Status	Recommended Alternate Part No. : MLZ1608DR47DT000 (Interchangeability is not guaranteed.)
Applications	Commercial Grade
Feature	MultilayerMultilayer Magnetic ShieldShield Ferrite CoreFerrite Core
Series Type	MLZ
Status	<div>⚠</div> Production (Not Recommended for New Design) Recommended Alternate Part No. : MLZ1608DR47DT000 (Interchangeability is not guaranteed.)
Brand	TDK
Environmental Compliance	<div><div>RoHS</div><div>REACH</div><div>Halogen Free</div><div>Lead Free</div></div>




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.

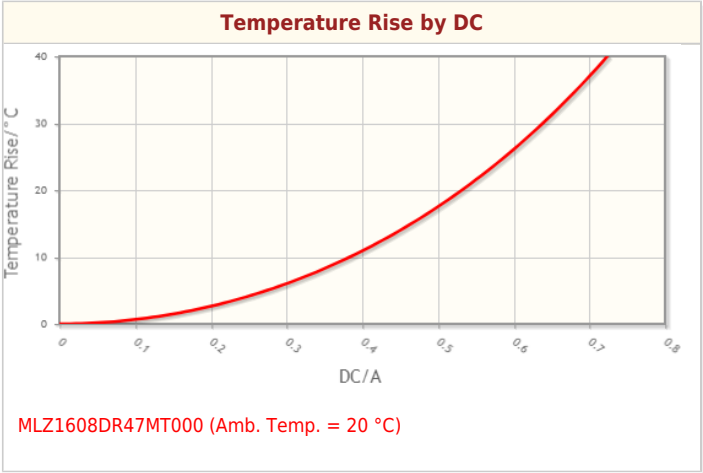
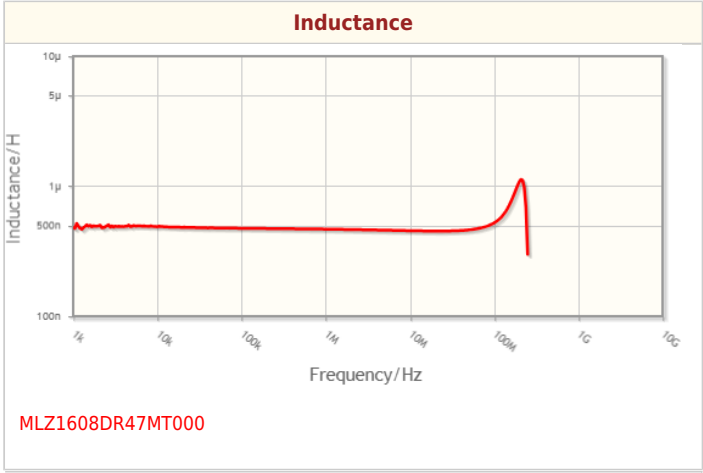
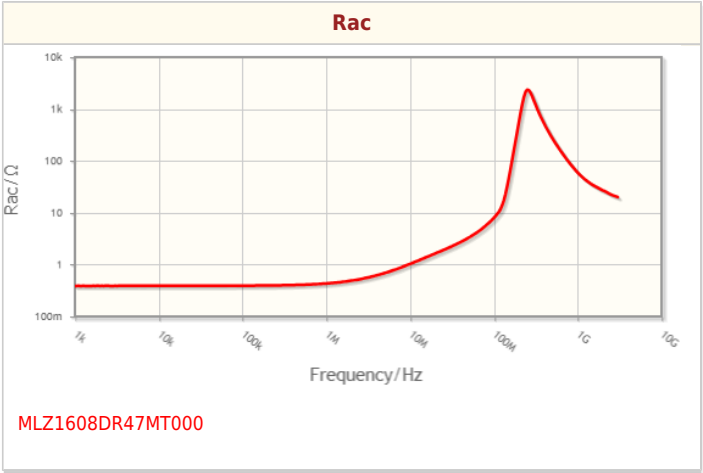
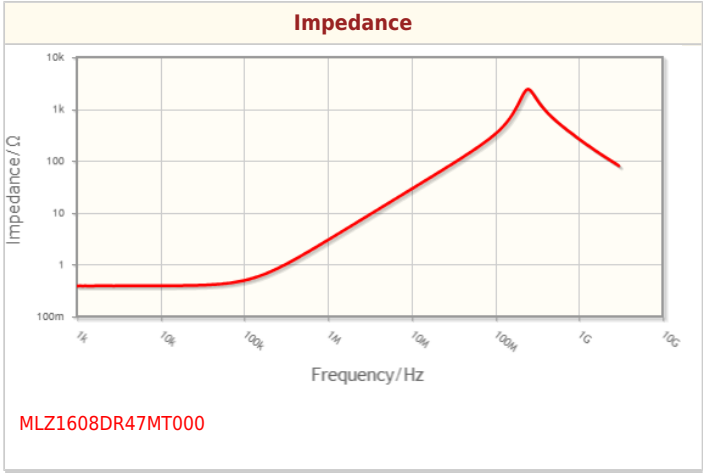
Electrical Characteristics	
Inductance	470nH ±20% at 25MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	400mA (50% Down)
Rated Current (Temperature Rise) [Typ.]	550mA (20°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	420mΩ
DC Resistance [Max.]	546mΩ
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

Other	
Operating Temp. Range	-55 to 125°C

! 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.

Soldering Method	Reflow Iron Soldering
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 login to myTDK

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



Associated Images

