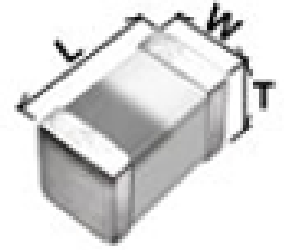


MLG0603S47NHT000



<b>Applications</b>	Commercial Grade
<b>Feature</b>	Multilayer
	Non-Magnetic Core (Dielectric Ceramic)
<b>Series   Type</b>	MLG
<b>Status</b>	Production
<b>Brand</b>	TDK



Size	
Length(L)	0.60mm ±0.03mm
Width(W)	0.30mm ±0.03mm
Thickness(T)	0.30mm ±0.03mm
Recommended Land Pattern (A)	0.25mm Nom.
Recommended Land Pattern (B)	0.30mm Nom.
Recommended Land Pattern (C)	0.30mm Nom.

Electrical Characteristics	
Inductance	47nH ±3% at 100MHz
Rated Current	50mA
DC Resistance [Typ.]	1.48Ω
DC Resistance [Max.]	2.2Ω
Self Resonant Frequency [Min.]	1.3GHz
Self Resonant Frequency [Typ.]	1.5GHz
Q [Min.]	6 at 100MHz
Q [Typ.]	

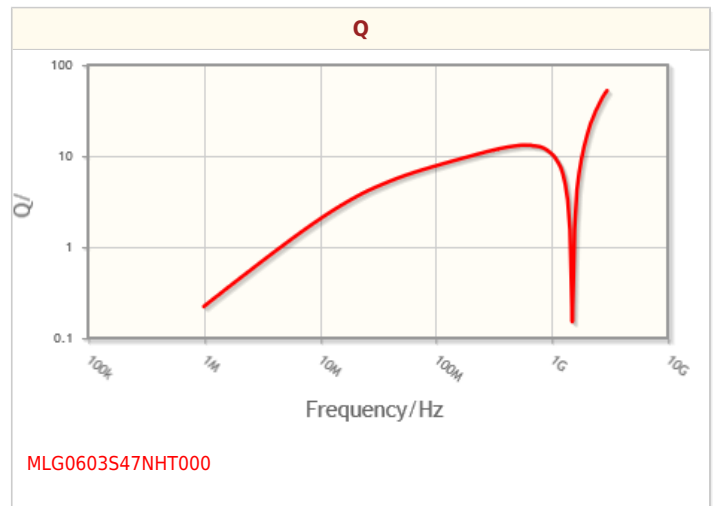
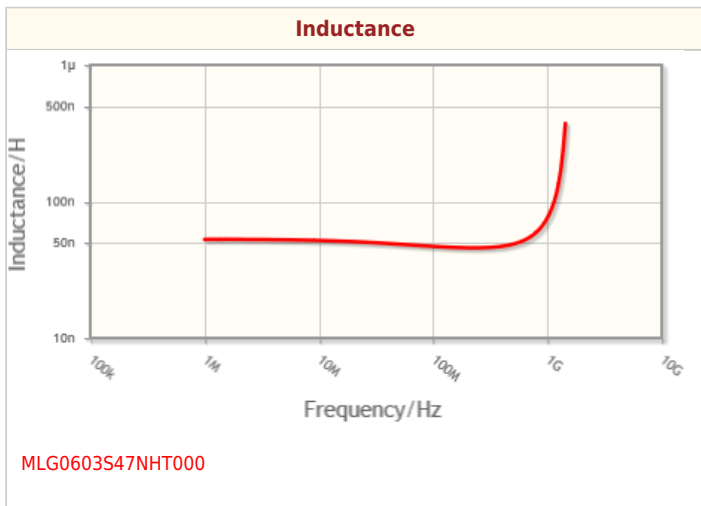
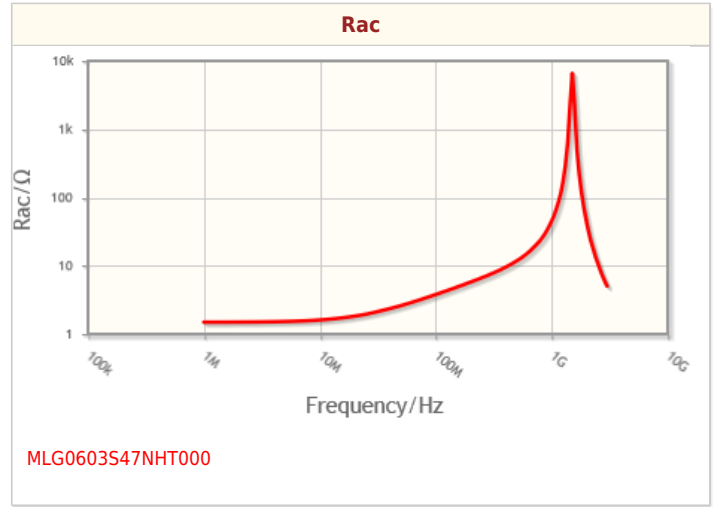
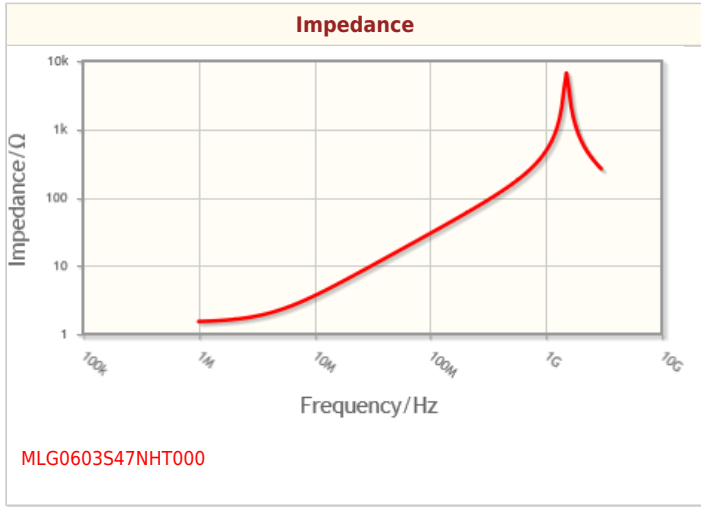
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125°C
Soldering Method	Reflow
	Iron Soldering
AEC-Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	15000pcs
Weight	0.0002g

! 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.

MLG0603S47NHT000



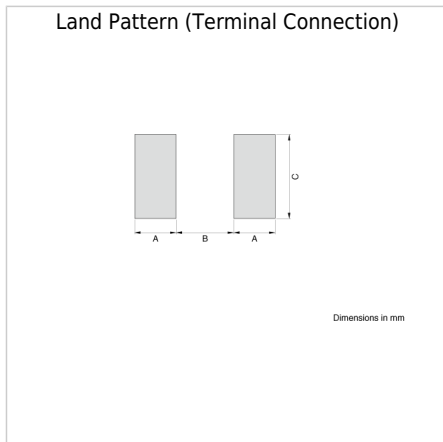
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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## Associated Images



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