

MLG1005S0N7BT000



<b>Applications</b>	Commercial Grade
<b>Feature</b>	<span style="border: 1px solid red; padding: 2px;">Multilayer</span> Multilayer
	<span style="border: 1px solid gray; padding: 2px;">Non-Mag Core</span> Non-Magnetic Core (Dielectric Ceramic)
<b>Series   Type</b>	MLG
<b>Status</b>	Production
<b>Brand</b>	TDK



Size	
Length(L)	1.00mm ±0.05mm
Width(W)	0.50mm ±0.05mm
Thickness   Height	0.50mm ±0.05mm
Recommended Land Pattern (A)	0.50mm Nom.
Recommended Land Pattern (B)	0.40mm Nom.
Recommended Land Pattern (C)	0.50mm Nom.

Electrical Characteristics	
Inductance	0.7nH ±0.1nH at 100MHz
Rated Current	1A
DC Resistance [Typ.]	20mΩ
DC Resistance [Max.]	100mΩ
Self Resonant Frequency [Min.]	10GHz
Self Resonant Frequency [Typ.]	18.7GHz
Q [Min.]	
Q [Typ.]	

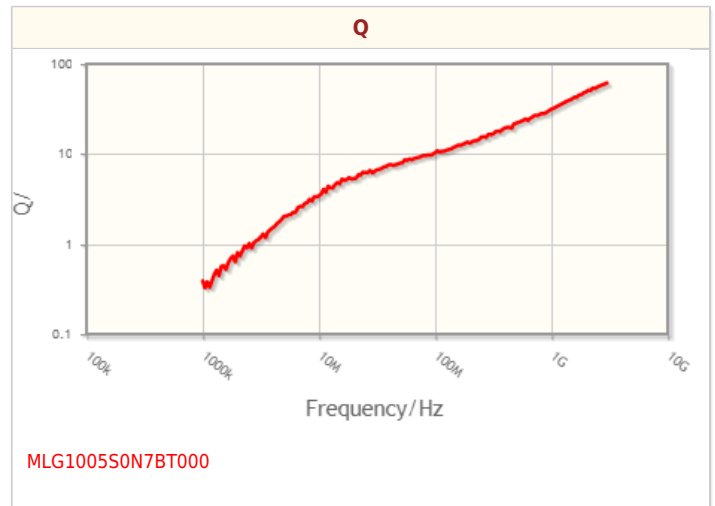
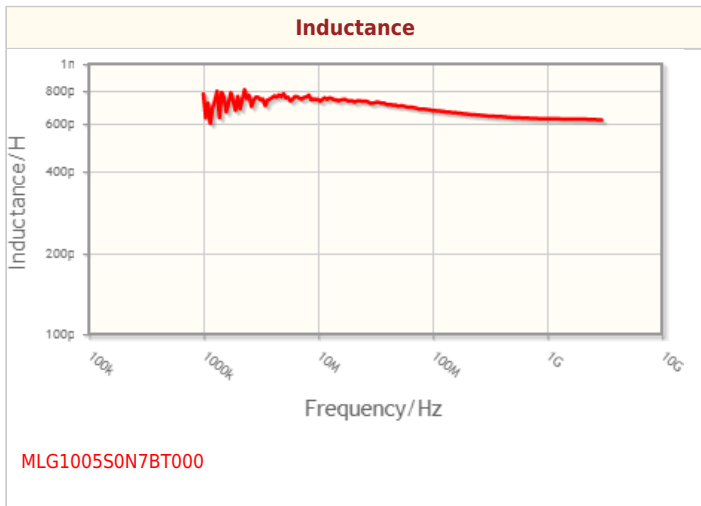
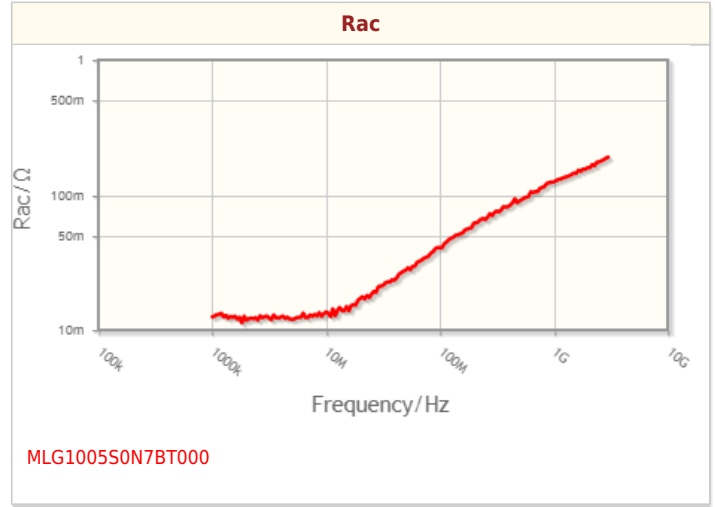
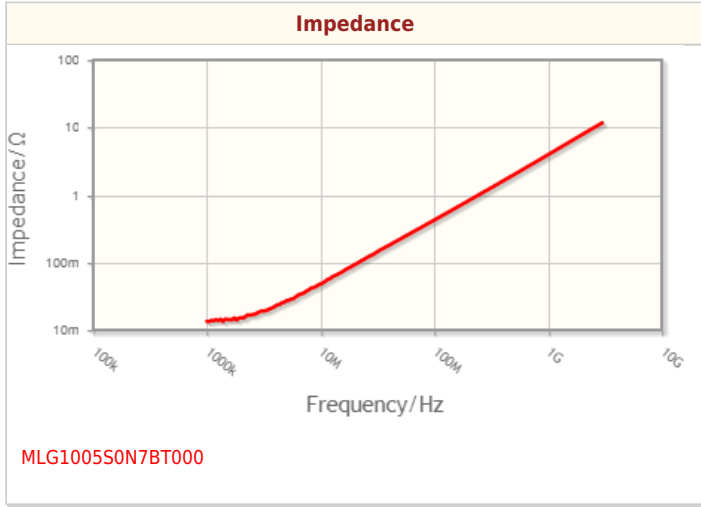
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125°C
Soldering Method	Reflow
	Iron Soldering
AEC-Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000pcs
Weight	0.001g

! 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.

MLG1005S0N7BT000



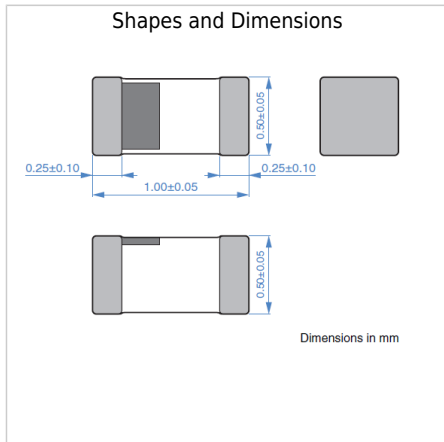
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



! 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.



## Associated Images



! 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.