

MLK1005S2N2ST000



Applications



Commercial Grade

Feature

No Directivity

No Directivity

Multilayer

Multilayer

Non-Mag Core

Non-Magnetic Core (Dielectric Ceramic)

High SRF

High SRF

Series | Type

MLK

Status



Production

Brand

TDK



Size

Length(L)	1.00mm ±0.10mm
Width(W)	0.50mm ±0.10mm
Thickness Height	0.50mm ±0.10mm
Recommended Land Pattern (A)	0.50mm Nom.
Recommended Land Pattern (B)	0.40mm Nom.
Recommended Land Pattern (C)	0.50mm Nom.

Electrical Characteristics

Inductance	2.2nH ±0.3nH at 100MHz
Rated Current	500mA
DC Resistance [Typ.]	80mΩ
DC Resistance [Max.]	180mΩ
Self Resonant Frequency [Min.]	8GHz
Self Resonant Frequency [Typ.]	9.6GHz
Q [Min.]	6 at 100MHz
Q [Typ.]	7 at 100MHz

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.

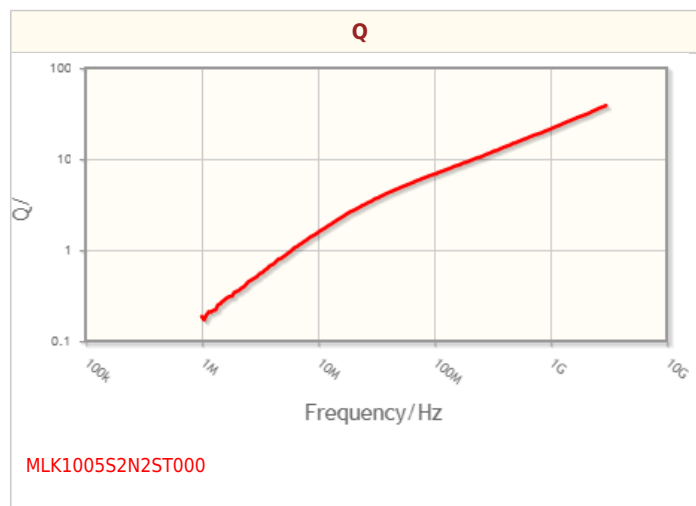
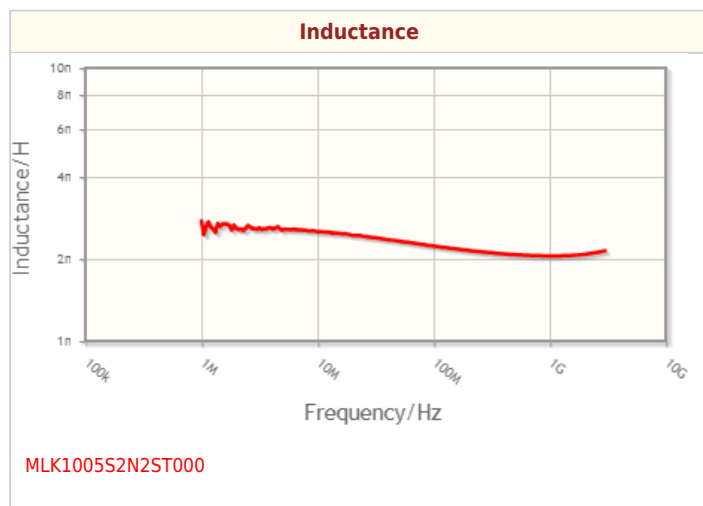
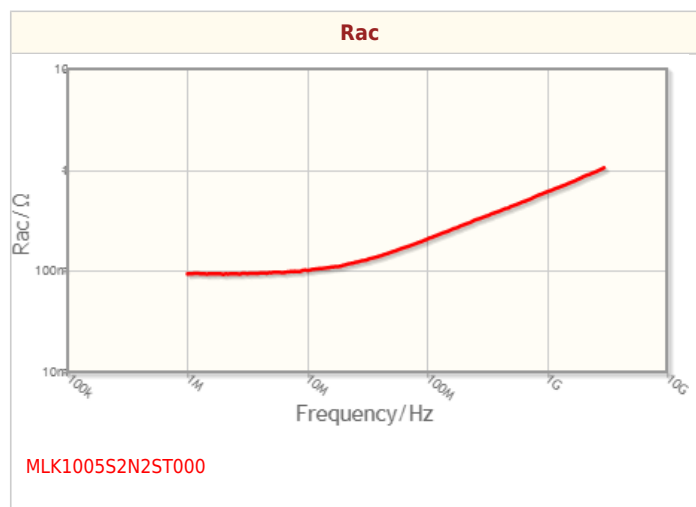
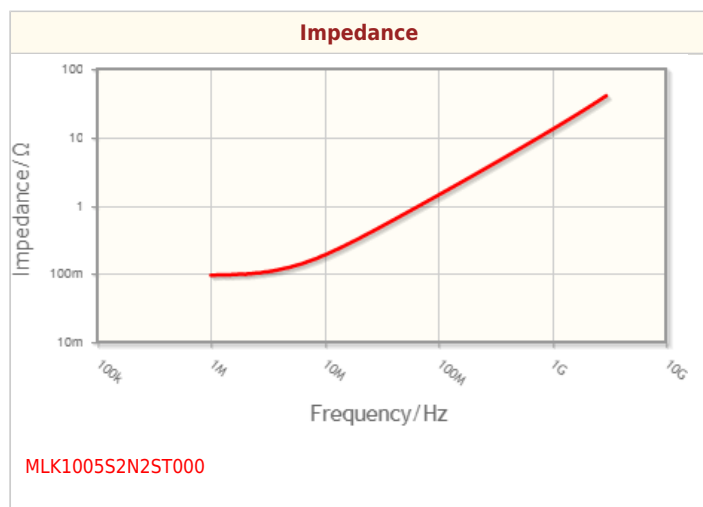
! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

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





Associated Images

