



Applications	<div> Automotive Grade</div>
Feature	<div>AEC-Q200AEC-Q200</div>
	<div>No DirectivityNo Directivity</div>
	<div>MultilayerMultilayer</div>
	<div>Non-Mag CoreNon-Magnetic Core (Dielectric Ceramic)</div>
	High Self Resonant Frequency
Series Type	MLK
Status	<div> EOL announced</div>
	Recommended Alternate Part No. : MLG1005S4N3STD25 (Interchangeability is not guaranteed.)
	Discontinue Issue Date : May.24, 2021
	Last Purchase Order Date : Mar.31, 2026
	Last Shipment Date : Jun.30, 2026
Brand	TDK



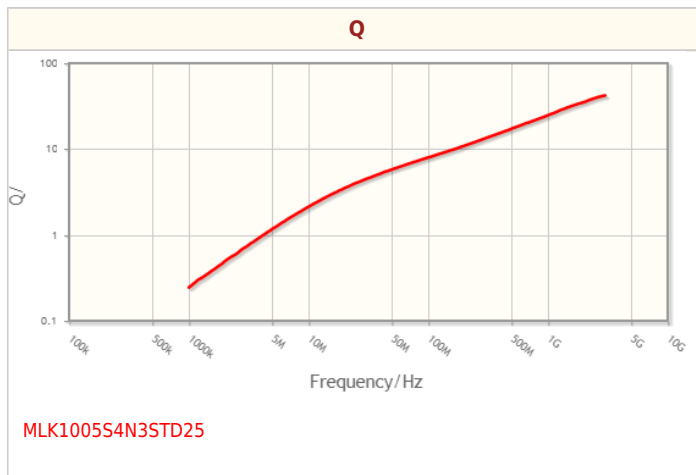
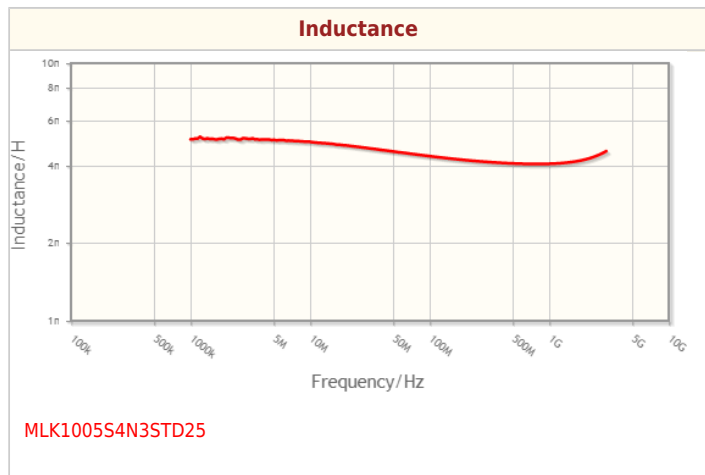
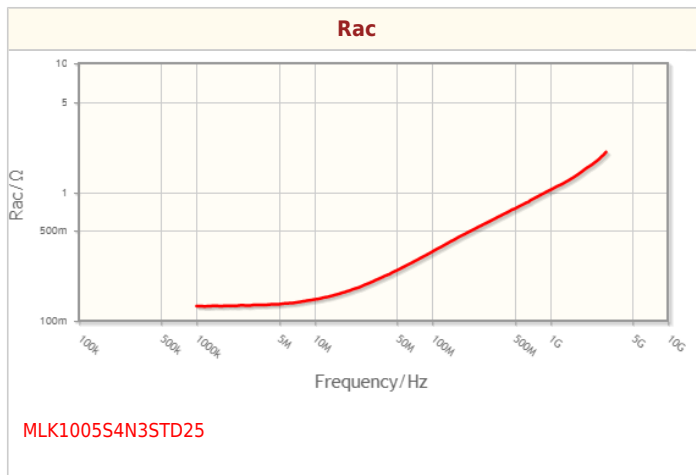
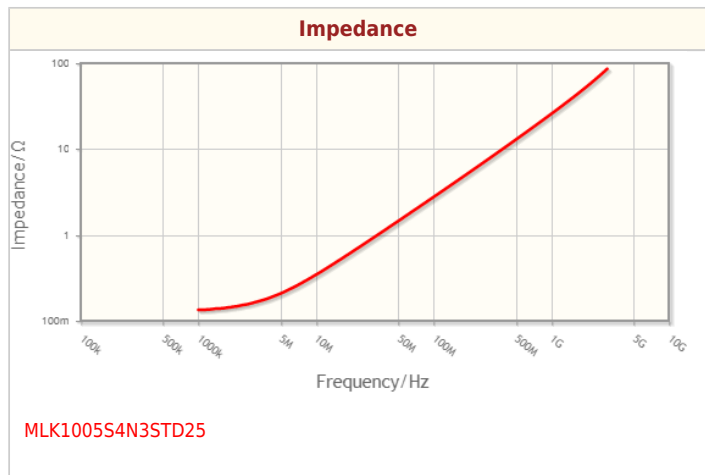
Size	
Length(L)	1.00mm ±0.10mm
Width(W)	0.50mm ±0.10mm
Thickness Height	0.50mm ±0.10mm
Recommended Land Pattern (A)	0.50mm Nom.
Recommended Land Pattern (B)	0.40mm Nom.
Recommended Land Pattern (C)	0.50mm Nom.

Electrical Characteristics	
Inductance	4.3nH ±0.3nH at 100MHz
Rated Current	400mA
DC Resistance [Typ.]	130mΩ
DC Resistance [Max.]	280mΩ
Self Resonant Frequency [Min.]	6.3GHz
Self Resonant Frequency [Typ.]	7.4GHz
Q [Min.]	7 at 100MHz
Q [Typ.]	8 at 100MHz

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125°C
Soldering Method	Reflow
	Iron Soldering
AEC-Q200	YES
Packing	Punched (Paper)Taping [180mm Reel, Tape width 8mm]
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.

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



Associated Images

