

Applications



Commercial Grade

Feature

Multilayer Multilayer

Non-Mag Core Non-Magnetic Core (Dielectric Ceramic)

Series | Type

MLG

Status



Production

Brand

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

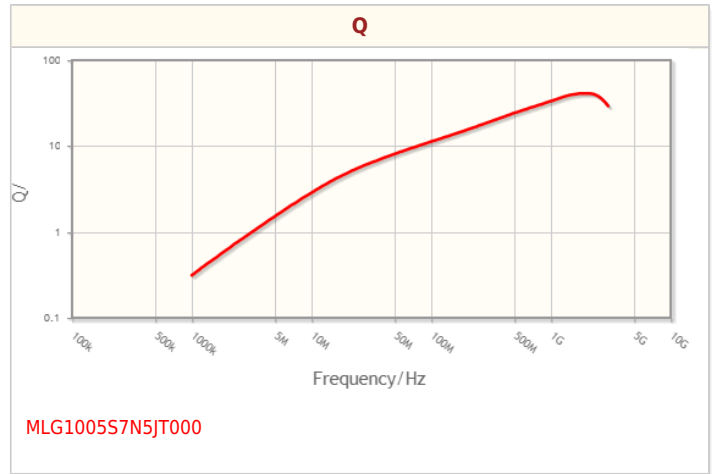
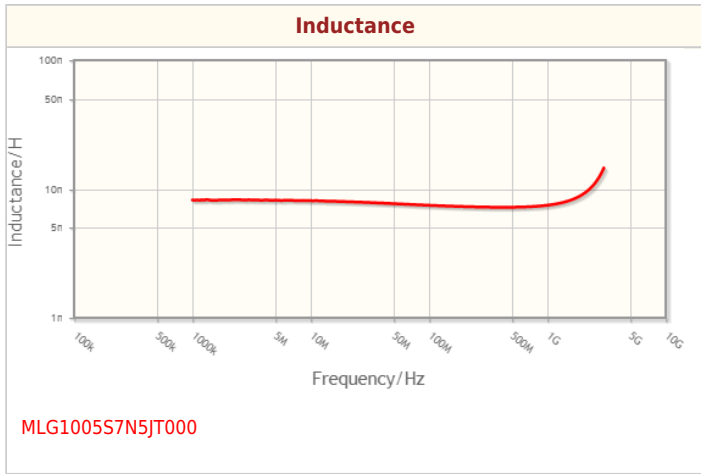
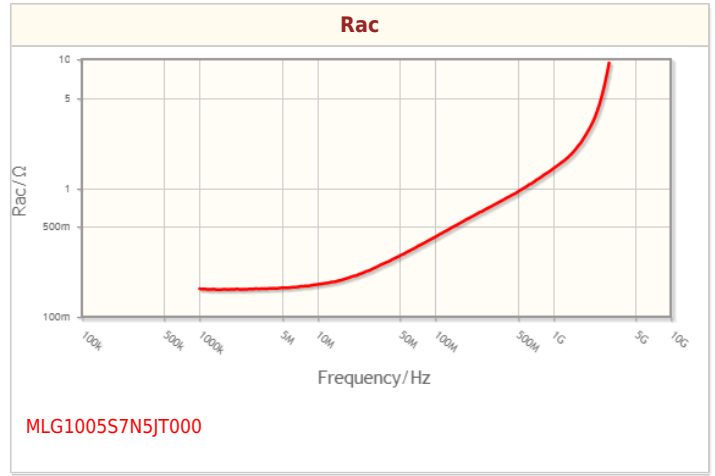
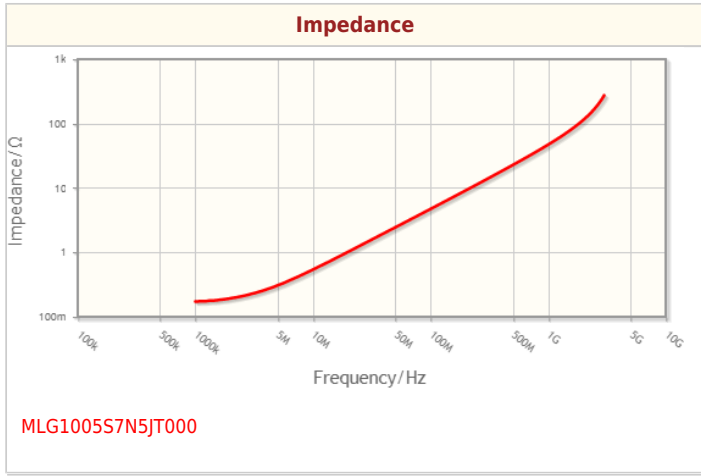
Inductance	7.5nH ±5% at 100MHz
Rated Current	500mA
DC Resistance [Typ.]	150mΩ
DC Resistance [Max.]	250mΩ
Self Resonant Frequency [Min.]	3GHz
Self Resonant Frequency [Typ.]	4.1GHz
Q [Min.]	8 at 100MHz
Q [Typ.]	11 at 100MHz

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, Tape width 8mm]
Package Quantity	10000pcs
Weight	0.001g

! Images are for reference only and show exemplary products.
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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Associated Images

