

EOL Announced

Recommended Alternate Part No. : [MLG0603S5N6ST000](#) (Interchangeability is not guaranteed.)

Product Status

Discontinue Issue Date : May.24, 2021

Last Purchase Order Date : Mar.31, 2026

Last Shipment Date : Jun.30, 2026

Applications

Commercial Grade

Feature

No Directivity No Directivity

Multilayer Multilayer

Series | Type

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

Brand

High Self Resonant Frequency

MLK

TDK

Environmental Compliance

RoHS



REACH
SVHC Free



Halogen
Free



Lead Free

**Size**

Length(L)	0.60mm \pm 0.03mm
Width(W)	0.30mm \pm 0.03mm
Thickness Height	0.30mm \pm 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	5.6nH \pm 0.3nH at 100MHz
Rated Current	200mA
DC Resistance [Typ.]	300m Ω
DC Resistance [Max.]	600m Ω
Self Resonant Frequency [Min.]	6.5GHz
Self Resonant Frequency [Typ.]	8.5GHz
Q [Min.]	6 at 300MHz
Q [Typ.]	8 at 300MHz

Other

Operating Temp. Range	-55 to 125°C
Soldering Method	Reflow Iron Soldering
AEC-Q200	NO

! Images are for reference only and show exemplary products.

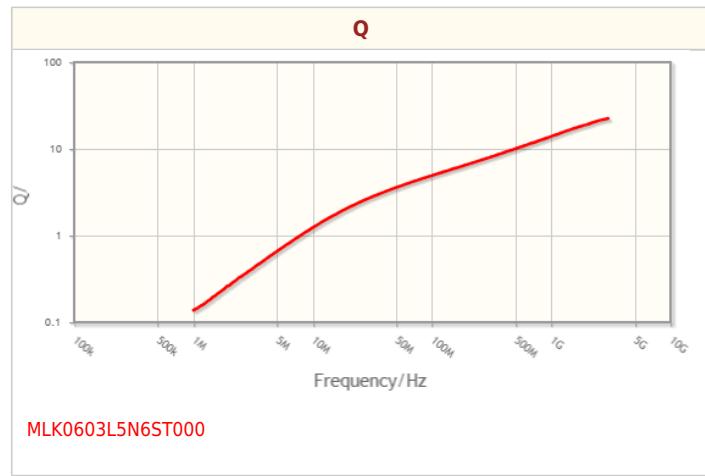
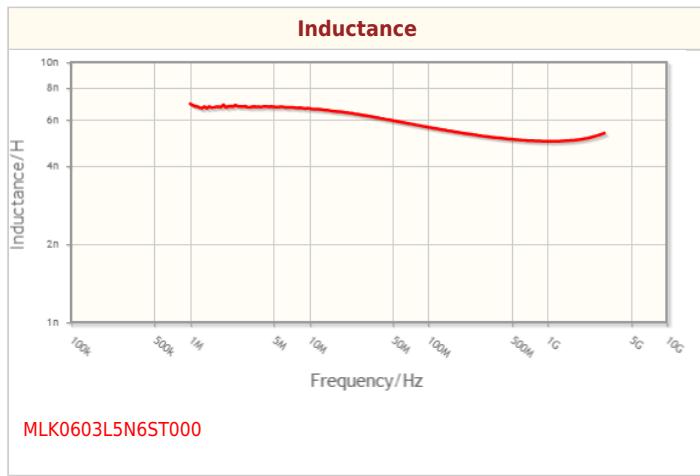
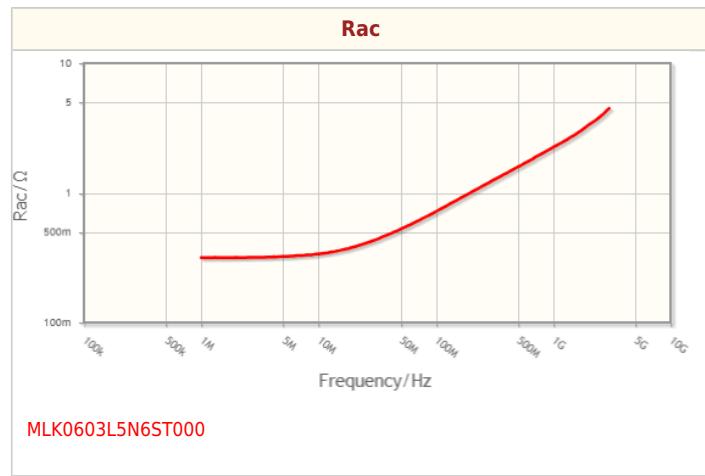
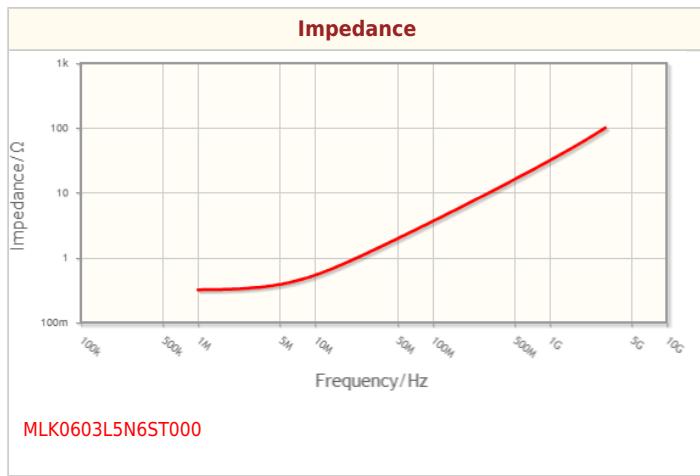
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! All specifications are subject to change without notice.

Packing	Punched (Paper)Taping [180mm Reel, Tape width 8mm]
Package Quantity	15000pcs
Weight	0.0002g

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

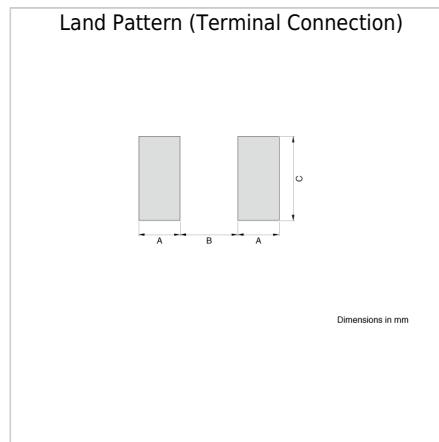
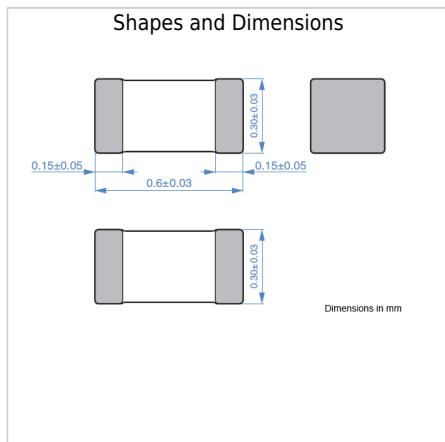


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Associated Images



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