

EOL Announced

Recommended Alternate Part No. : [MLG0603S27NJT000](#) (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 DirectivityNo Directivity
MultilayerMultilayer
Non-Mag CoreNon-Magnetic Core (Dielectric Ceramic)
High Self Resonant Frequency

Series | Type

MLK

Brand

TDK

Environmental Compliance



Size

Length(L)	0.60mm ±0.03mm
Width(W)	0.30mm ±0.03mm
Thickness Height	0.30mm ±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	27nH ±5% at 100MHz
Rated Current	100mA
DC Resistance [Typ.]	1.09Ω
DC Resistance [Max.]	1.7Ω
Self Resonant Frequency [Min.]	3GHz
Self Resonant Frequency [Typ.]	4.6GHz
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

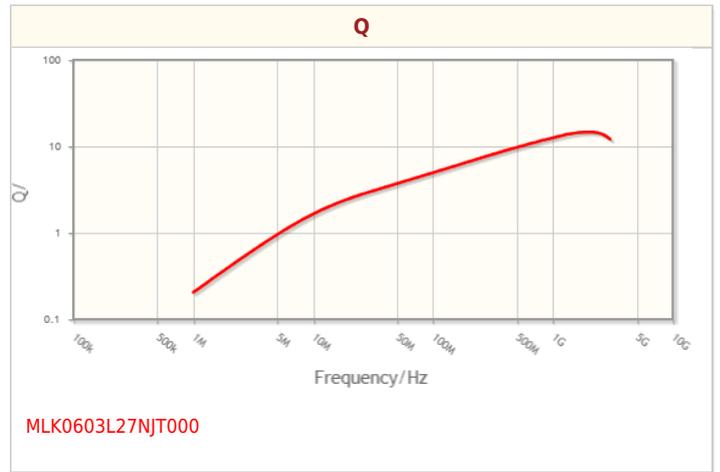
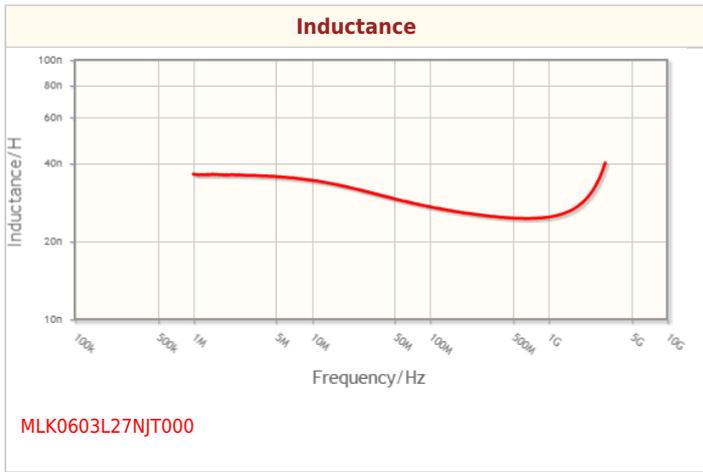
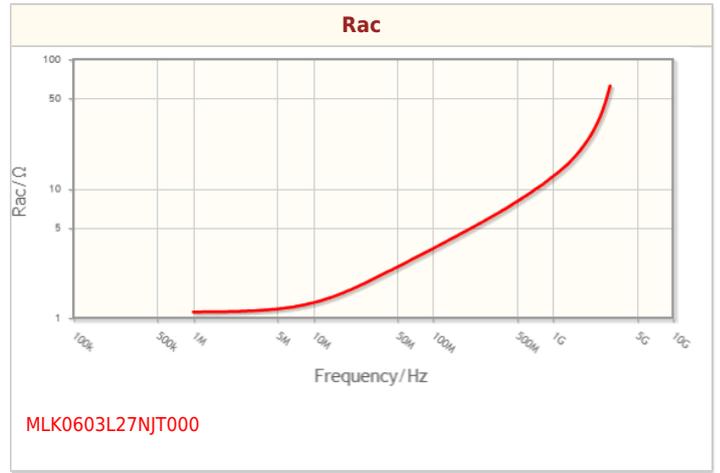
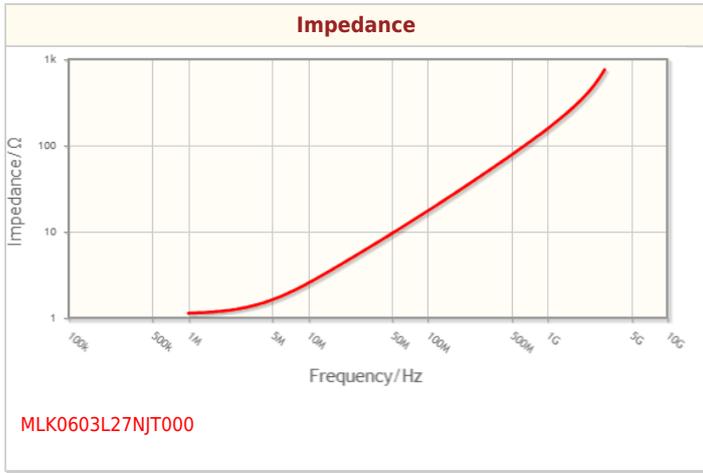
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! All specifications are subject to change without notice.

MLK0603L27NJT000

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

