

**EOL Announced**

Recommended Alternate Part No. : [MLG0603S8N2JT000](#) (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  
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	8.2nH ±5% at 100MHz
Rated Current	200mA
DC Resistance [Typ.]	410mΩ
DC Resistance [Max.]	700mΩ
Self Resonant Frequency [Min.]	6GHz
Self Resonant Frequency [Typ.]	7.9GHz
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.  
! This PDF document was created based on the data listed on the TDK Corporation website.  
! All specifications are subject to change without notice.

MLK0603L8N2JT000

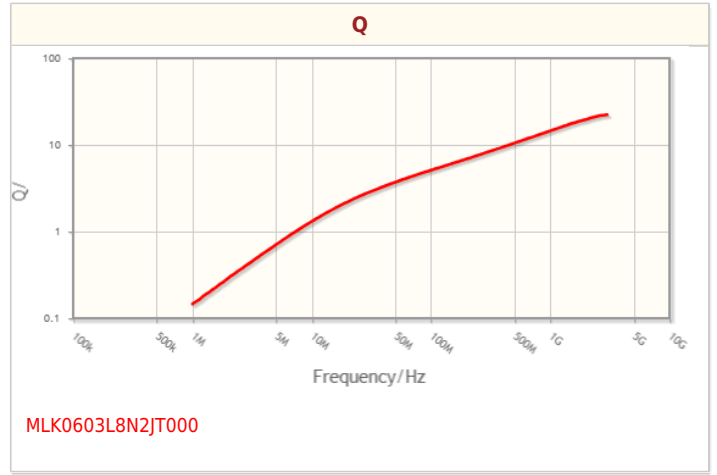
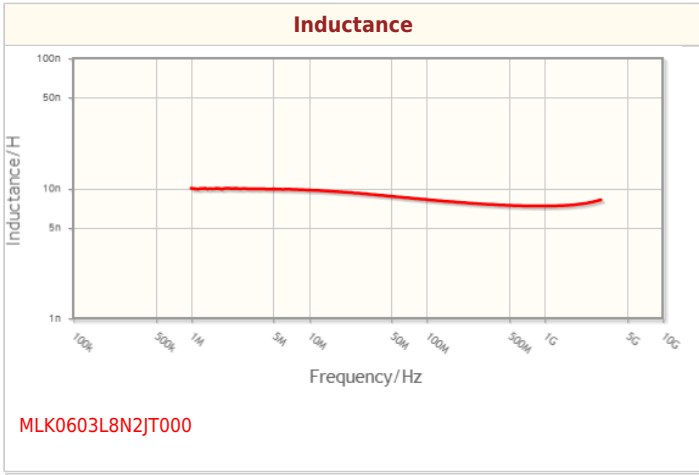
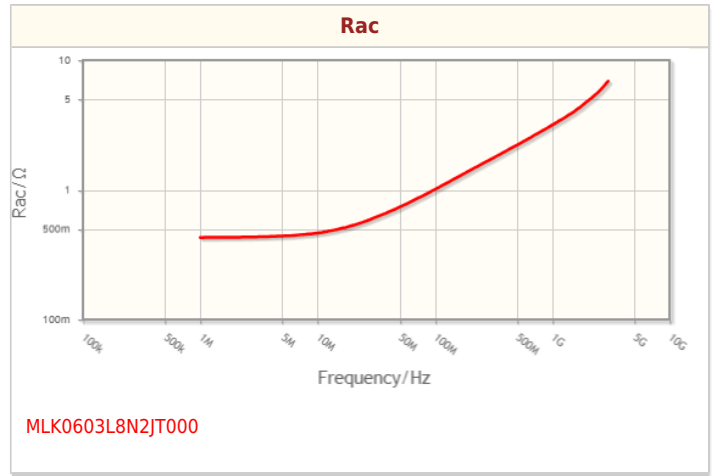
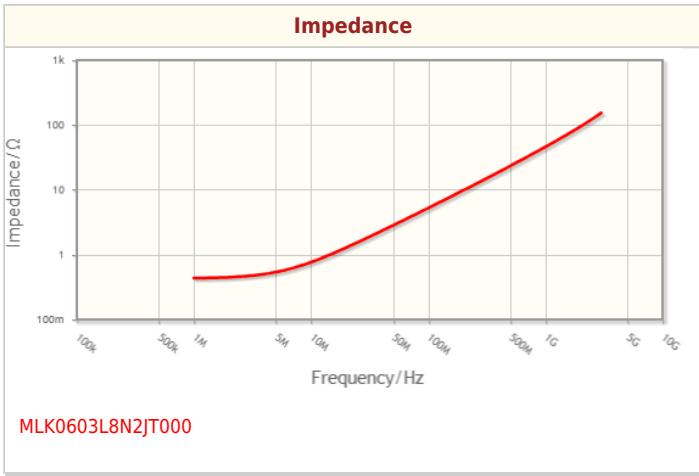
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Packing	Punched (Paper)Taping [180mm Reel, Tape width 8mm]
Package Quantity	15000pcs
Weight	0.0002g

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



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## Associated Images

