

**EOL Announced**

Recommended Alternate Part No. : [MLG0603S33NJT000](#) (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****Size**

Length(L)	0.60mm $\pm 0.03$ mm
Width(W)	0.30mm $\pm 0.03$ mm
Thickness   Height	0.30mm $\pm 0.03$ mm
Recommended Land Pattern (A)	0.25mm Nom.
Recommended Land Pattern (B)	0.30mm Nom.
Recommended Land Pattern (C)	0.30mm Nom.

**Electrical Characteristics**

Inductance	33nH $\pm 5\%$ at 100MHz
Rated Current	100mA
DC Resistance [Typ.]	1.21 $\Omega$
DC Resistance [Max.]	1.8 $\Omega$
Self Resonant Frequency [Min.]	2.8GHz
Self Resonant Frequency [Typ.]	4.4GHz
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.

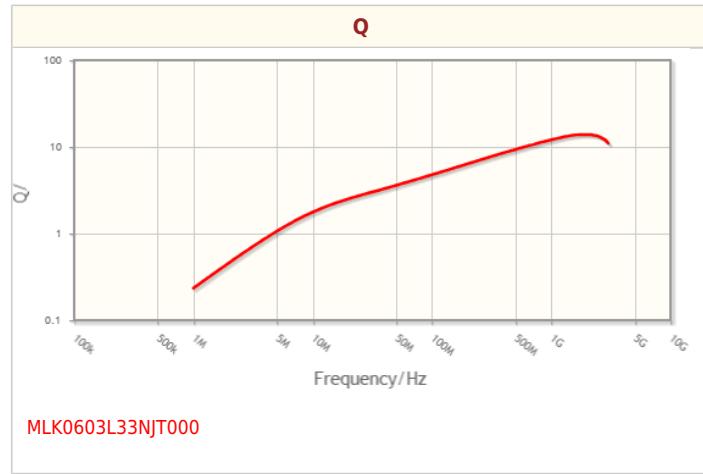
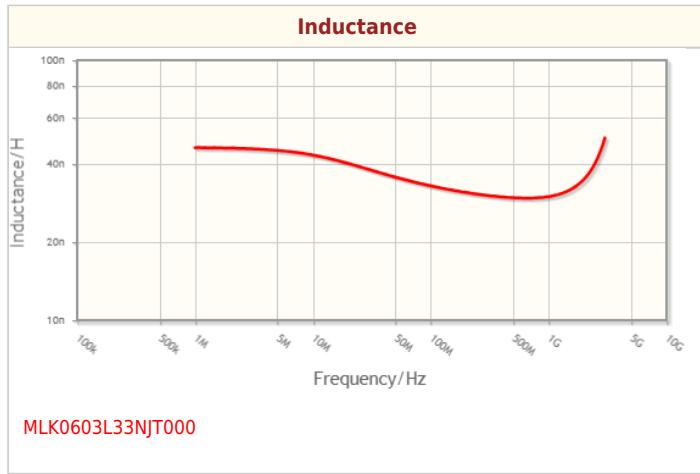
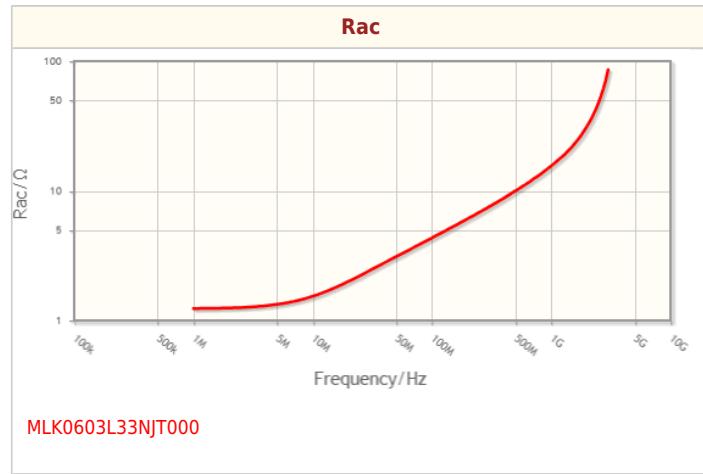
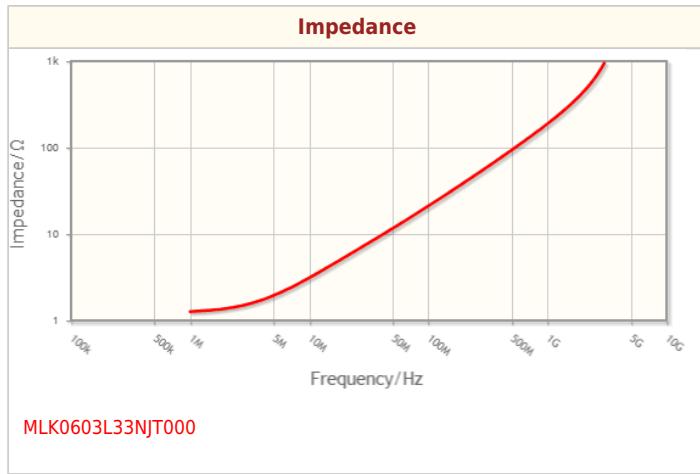
MLK0603L33NJT000

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.)

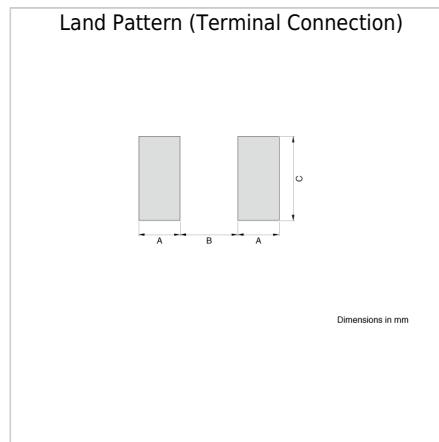
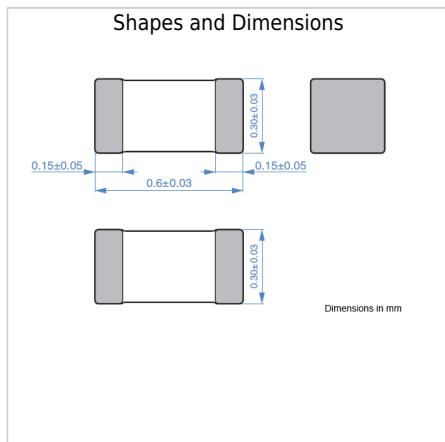


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## Associated Images



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