SMD / SMT Inductors (Coils)

MLK0603L3N9ST000

RoHS Reach Halogen Free Pb Free

Applications	Commercial Grade
Feature	No Directivity No Directivity Multilayer Multilayer Non-Mag Core Non-Magnetic Core (Dielectric Ceramic) High Self Resonant Frequency
Series | Type	MLK
Status	EOL announced Recommended Alternate Part No. : MLG0603S3N9ST000 (Interchangeability is not guaranteed.) Discontinue Issue Date : May.24, 2021 Last Purchase Order Date : Mar.31, 2026 Last Shipment Date : Jun.30, 2026
Brand	TDK

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	3.9nH ±0.3nH at 100MHz
Rated Current	200mA
DC Resistance [Typ.]	250mΩ
DC Resistance [Max.]	450mΩ
Self Resonant Frequency [Min.]	8GHz
Self Resonant Frequency [Typ.]	9.8GHz
Q [Min.]	6 at 300MHz
Q [Typ.]	8 at 300MHz

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	15000pcs
Weight	0.0002g

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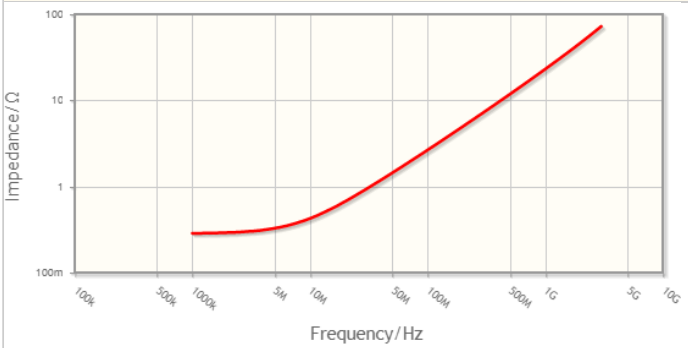
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

Impedance



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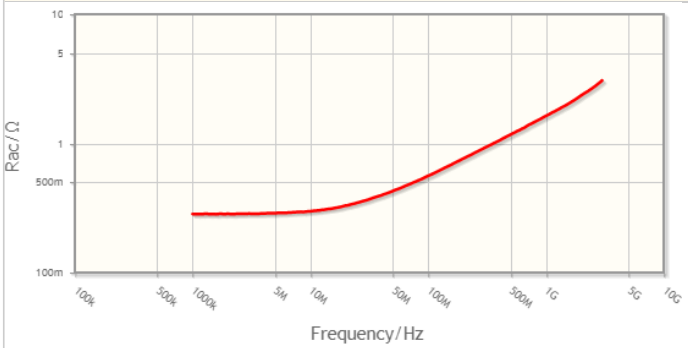
Rac



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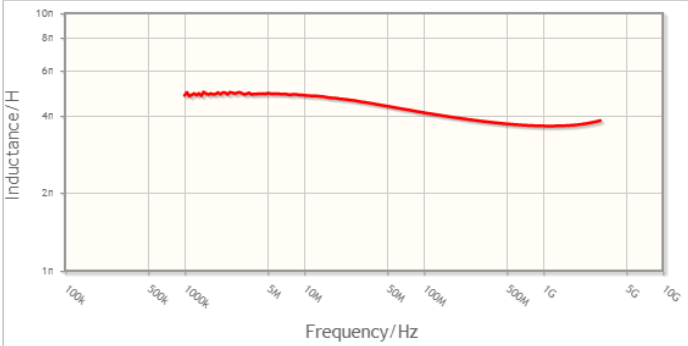
Inductance



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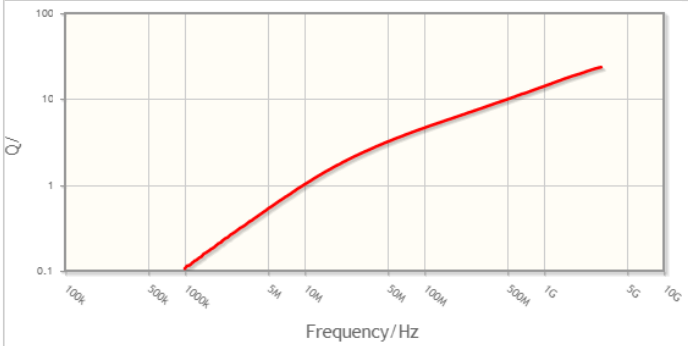
Q



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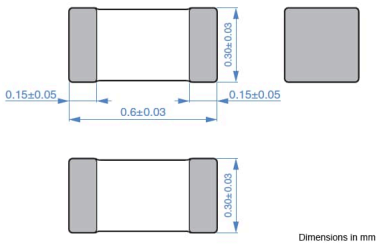
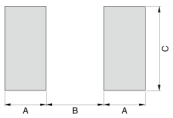
Associated Images

Shapes and Dimensions



Land Pattern (Terminal Connection)



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