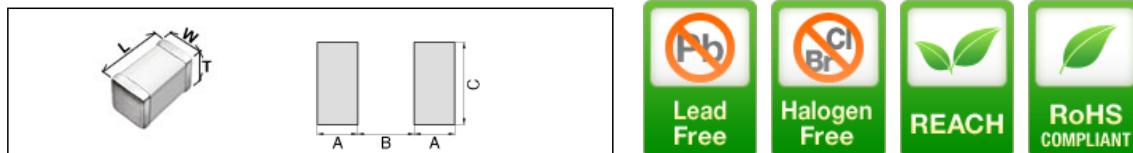


MLK0603L3N9ST000

Applications		Commercial Grade
Feature	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> Multilayer </div> <div>Multilayer</div> </div> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> No Directivity </div> <div>No Directivity</div> </div> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> Non-Mag Core </div> <div>Non-Magnetic Core (Dielectric Ceramic)</div> </div>	
Series	MLK Series / MLK0603 Type	
Status	PROD	



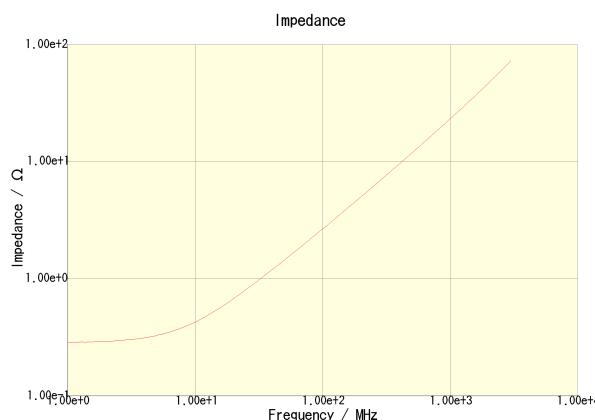
Size	
Length(L)	0.60mm +/-0.03mm
Width(W)	0.30mm +/-0.03mm
Thickness(T)	0.30mm +/-0.03mm
Recommended Land Pattern (A)	0.25mm Nom.
Recommended Land Pattern (B)	0.30mm Nom.
Recommended Land Pattern (C)	0.30mm Nom.

Electrical Characteristics	
Inductance	3.9nH +/-0.3nH at 100MHz
Rated Current (Temperature Rise) [Max.]	200mA (20degC Rise)
Self-Resonant Frequency [Min.]	8GHz
Self-Resonant Frequency [Typ.]	9.8GHz
Q [Min.]	6 at 300MHz
Q [Typ.]	8 at 300MHz
DC Resistance [Nom.]	250mΩ
DC Resistance [Max.]	450mΩ

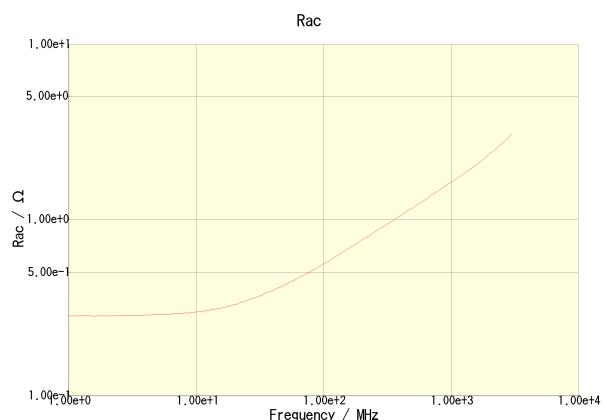
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	15000Pcs Min.
Weight	0.0002g

MLK0603L3N9ST000

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



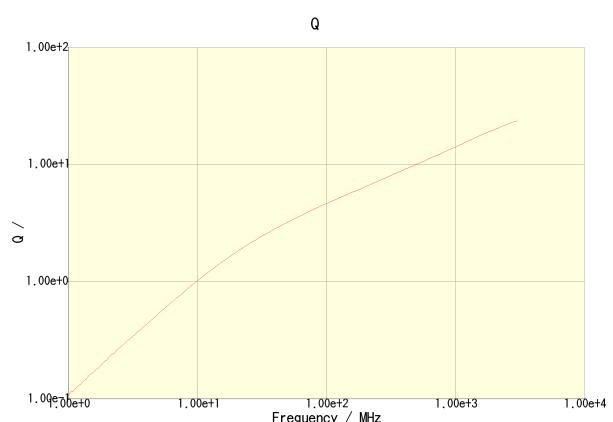
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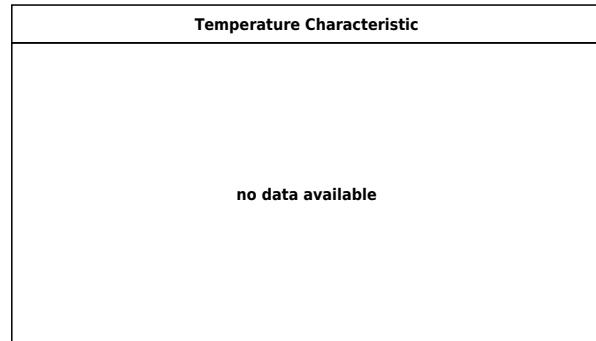
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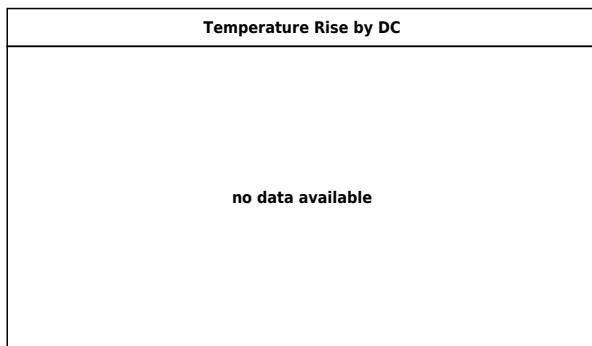
MLK0603L3N9ST000

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



MLK0603L3N9ST000(Amb. Temp. = 20degC)



- This PDF document was created based on the data listed on the TDK Corporation website.
- All specifications are subject to change without notice.