

MLJ1005W75NKT000



Applications



Commercial Grade

Feature



Magnetic Shield



Multilayer



Ferrite Core

Series | Type

MLJ

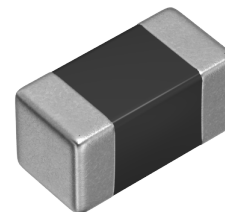
Status



Production

Brand

TDK



Size

Length(L)	1.00mm ±0.05mm
Width(W)	0.50mm ±0.05mm
Thickness Height	0.50mm ±0.05mm
Recommended Land Pattern (A)	0.50mm Nom.
Recommended Land Pattern (B)	0.40mm Nom.
Recommended Land Pattern (C)	0.50mm Nom.

Electrical Characteristics

Inductance	75nH ±10% at 25MHz
Rated Current (L Change) [Typ.]	500mA (10% Down)
Rated Current (L Change) [Max.]	400mA (10% Down)
Rated Current (Temperature Rise) [Typ.]	
Rated Current (Temperature Rise) [Max.]	550mA (25°C Rise)
DC Resistance [Typ.]	200mΩ
DC Resistance [Max.]	250mΩ
Self Resonant Frequency [Min.]	650MHz
Self Resonant Frequency [Typ.]	950MHz
Q [Min.]	15
Q [Typ.]	32

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]
Package Quantity	10000pcs
Weight	0.0012g

! Images are for reference only and show exemplary products.

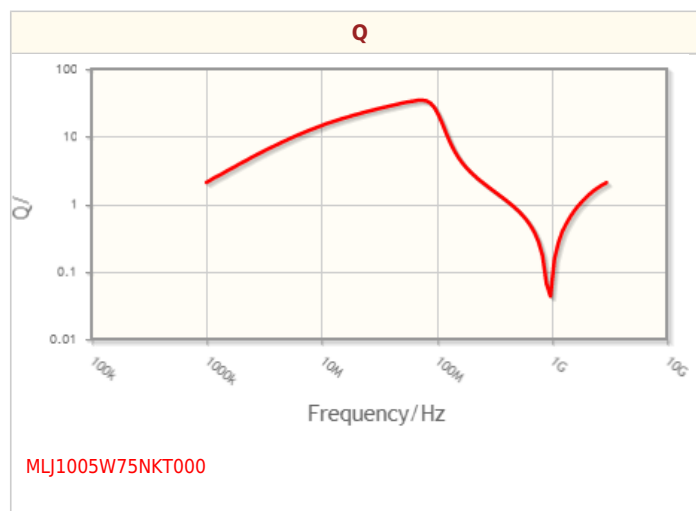
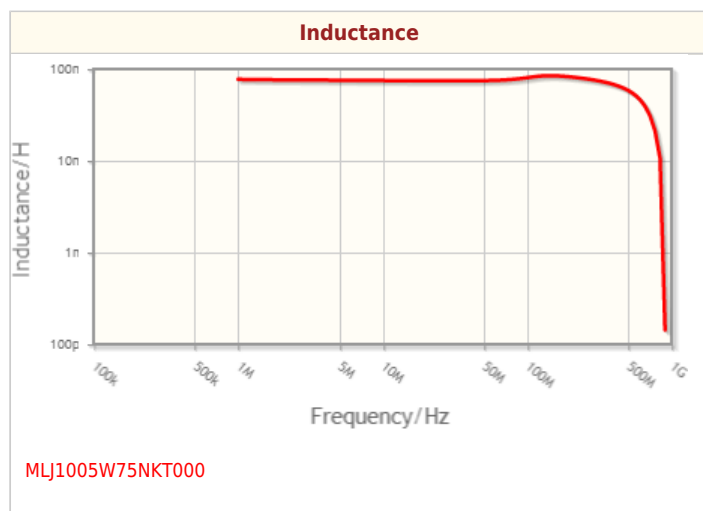
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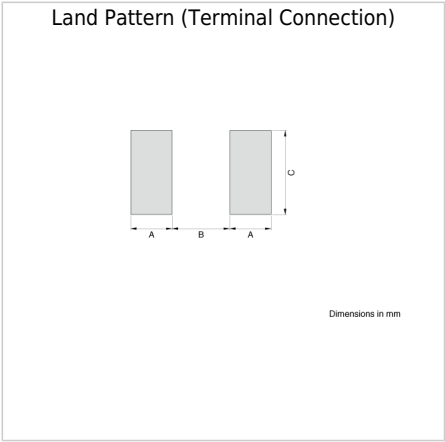
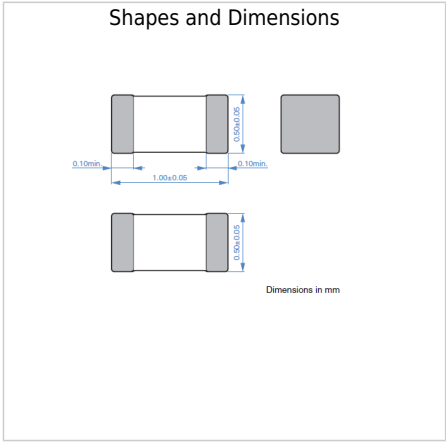


Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)





Associated Images



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