

MLJ1005WR27KT000



Applications



Commercial Grade

Feature



Multilayer



Magnetic Shield



Ferrite Core

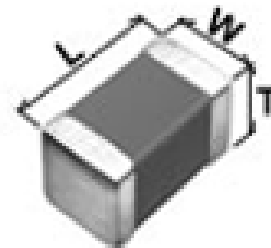
Series

MLJ

Status



Production



Size

Length(L)	1.00mm ±0.05mm
Width(W)	0.50mm ±0.05mm
Thickness(T)	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	270nH ±10% at 25MHz
Rated Current (L Change) [Typ.]	350mA (10% Down)
Rated Current (L Change) [Max.]	280mA (10% Down)
Rated Current (Temperature Rise) [Typ.]	
Rated Current (Temperature Rise) [Max.]	350mA (25°C Rise)
DC Resistance [Typ.]	500mΩ
DC Resistance [Max.]	650mΩ
Self Resonant Frequency [Min.]	260MHz
Self Resonant Frequency [Typ.]	450MHz
Q [Min.]	15
Q [Typ.]	

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

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



Associated Images

