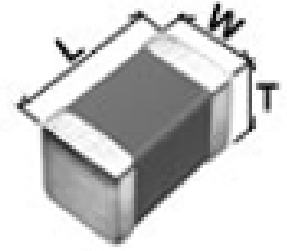


MLJ1005WR16KT000



<b>Applications</b>	Commercial Grade
<b>Feature</b>	Multilayer
	Magnetic Shield
	Ferrite Core
<b>Series</b>	ML□
<b>Status</b>	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	160nH ±10% at 25MHz
Rated Current (L Change) [Typ.]	450mA (10% Down)
Rated Current (L Change) [Max.]	350mA (10% Down)
Rated Current (Temperature Rise) [Typ.]	
Rated Current (Temperature Rise) [Max.]	400mA (25°C Rise)
DC Resistance [Typ.]	400mΩ
DC Resistance [Max.]	520mΩ
Self Resonant Frequency [Min.]	330MHz
Self Resonant Frequency [Typ.]	600MHz
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	0.004g

! Images are for reference only and show exemplary products.  
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! All specifications are subject to change without notice.



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



## Associated Images



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