

MLG1005S13NJTD25



Applications	Automotive Grade
Feature	<div style="border: 1px solid black; padding: 2px;">Multilayer</div> Multilayer <div style="border: 1px solid black; padding: 2px;">Non-Mag Core</div> Non-Magnetic Core (Dielectric Ceramic) <div style="border: 1px solid black; padding: 2px;">AEC-Q200</div> AEC-Q200
Series Type	MLG
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	13nH ±5% at 100MHz
Rated Current	400mA
DC Resistance [Typ.]	260mΩ
DC Resistance [Max.]	500mΩ
Self Resonant Frequency [Min.]	2.4GHz
Self Resonant Frequency [Typ.]	2.9GHz
Q [Min.]	8 at 100MHz
Q [Typ.]	10 at 100MHz

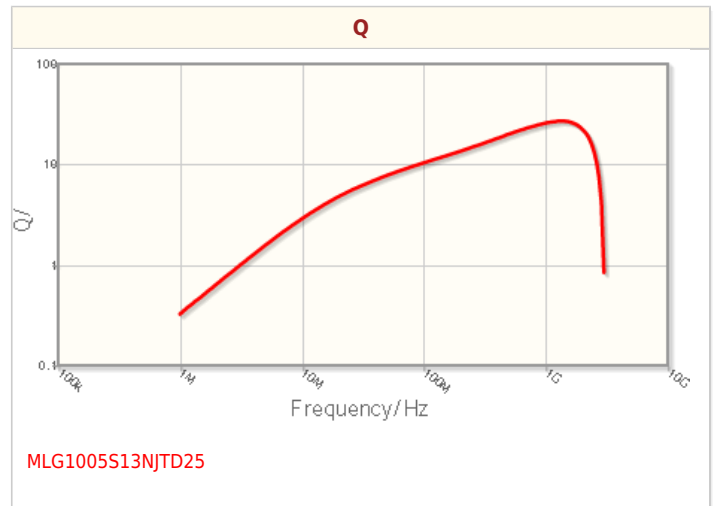
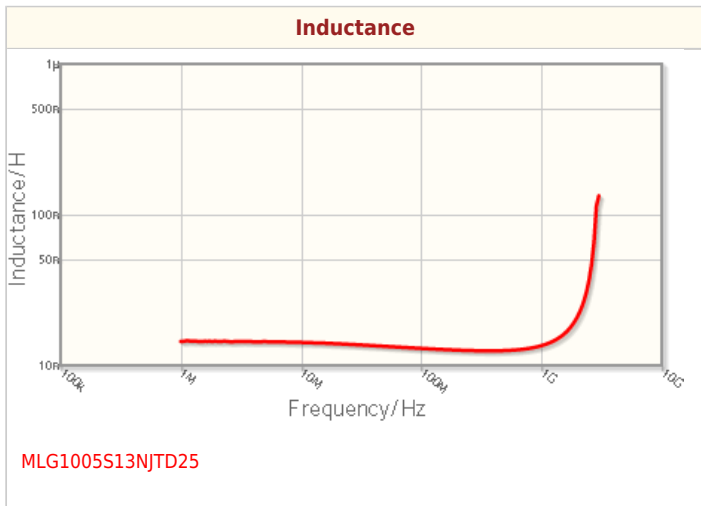
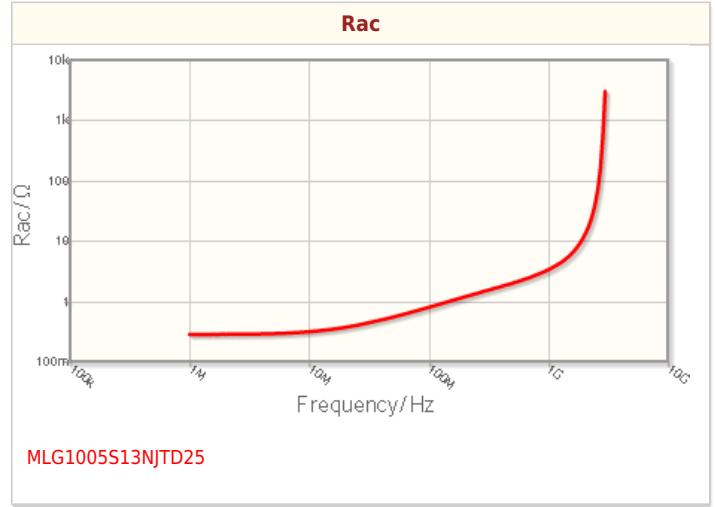
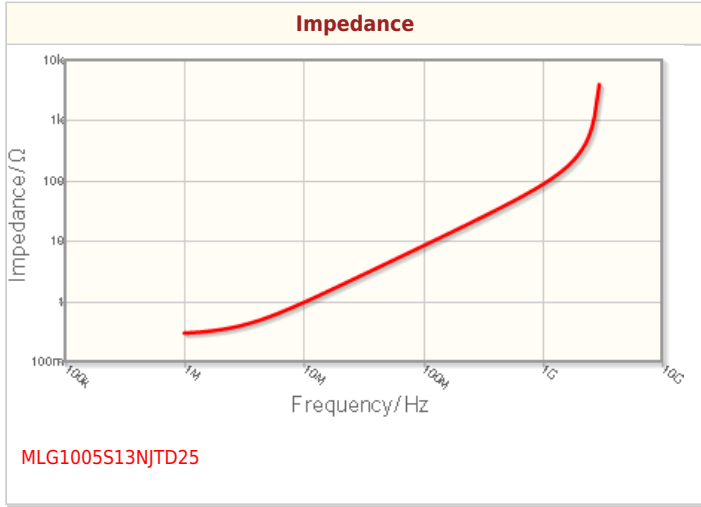
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125°C
Soldering Method	Reflow Iron Soldering
AEC-Q200	Yes
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000pcs
Weight	0.001g

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

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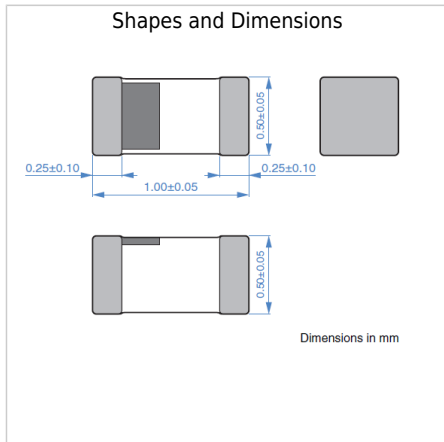
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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Associated Images



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