

MLG1005SR11JTD25

**Applications**

Automotive Grade

AEC-Q200

AEC-Q200

Feature

Multilayer

Multilayer

Non-Mag Core

Non-Magnetic Core (Dielectric Ceramic)

Series | Type

MLG

Status

Production

Brand

TDK

**Size**

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

Electrical Characteristics

Inductance	110nH $\pm 5\%$ at 100MHz
Rated Current	150mA
DC Resistance [Typ.]	1.48 Ω
DC Resistance [Max.]	2.2 Ω
Self Resonant Frequency [Min.]	700MHz
Self Resonant Frequency [Typ.]	900MHz
Q [Min.]	8 at 100MHz
Q [Typ.]	11 at 100MHz

Other

Operating Temp. Range	-55 to 125°C
Soldering Method	Reflow Iron Soldering
AEC-Q200	YES
Packing	Punched (Paper)Taping [180mm Reel, Tape width 8mm]
Package Quantity	10000pcs
Weight	0.001g

! Images are for reference only and show exemplary products.

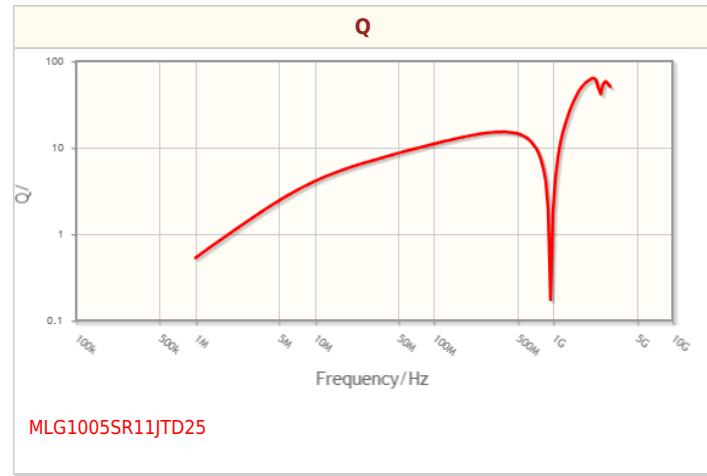
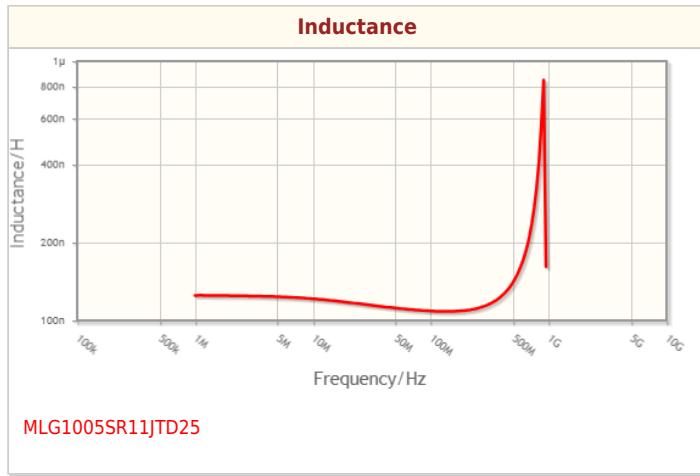
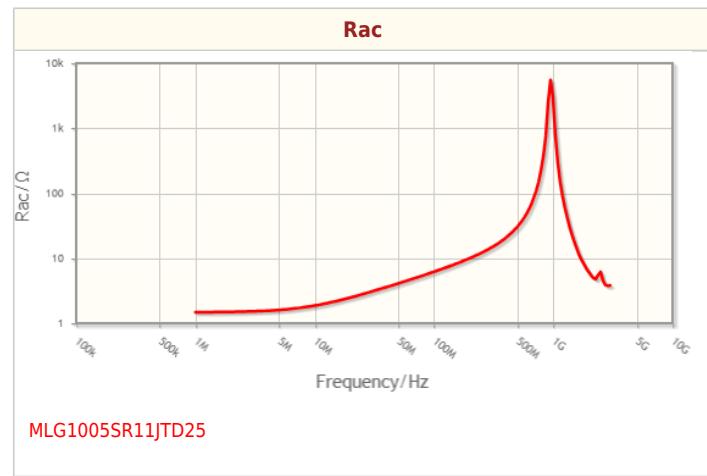
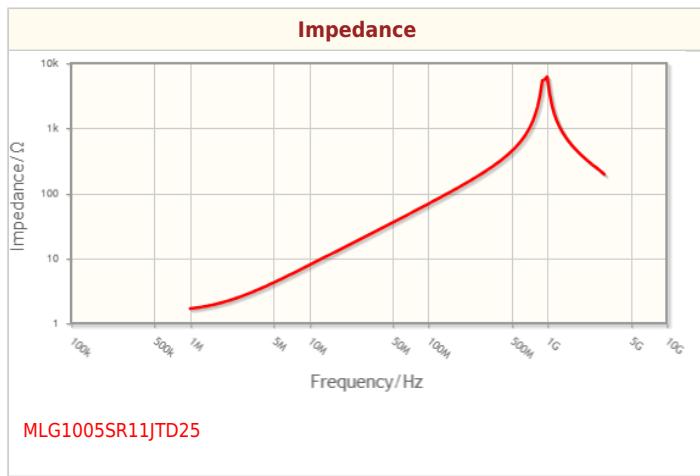
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Characteristic Graphs (This is reference data, and does not guarantee the products characteristics.)



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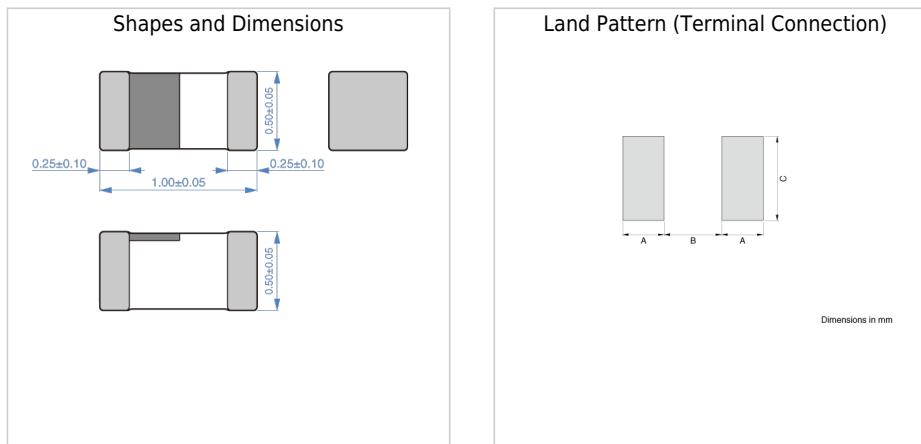
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Associated Images



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