

MLG0603PR12JTD25

Product Status	Production
Applications	Automotive Grade
Feature	<p>AEC-Q200AEC-Q200</p> <p>MultilayerMultilayer</p> <p>Non-Mag CoreNon-Magnetic Core (Dielectric Ceramic)</p> <p>High QHigh Q</p>
Series Type	MLG-P
Brand	TDK
Environmental Compliance	



Size	
Length(L)	0.60mm ±0.03mm
Width(W)	0.30mm ±0.03mm
Thickness Height	0.30mm ±0.03mm
Recommended Land Pattern (A)	0.25mm Nom.
Recommended Land Pattern (B)	0.30mm Nom.
Recommended Land Pattern (C)	0.30mm Nom.

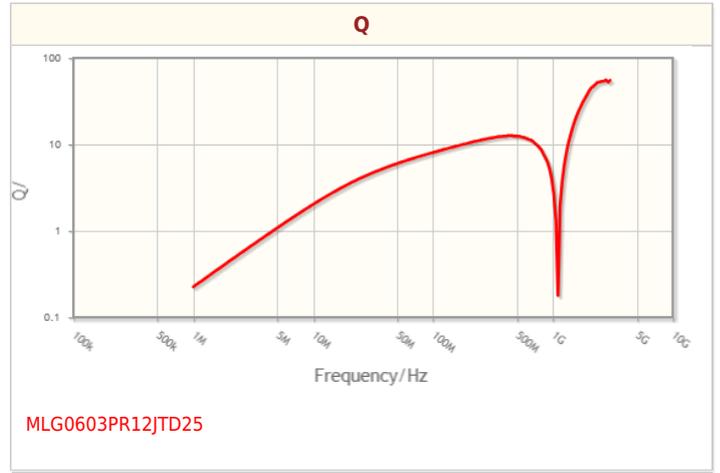
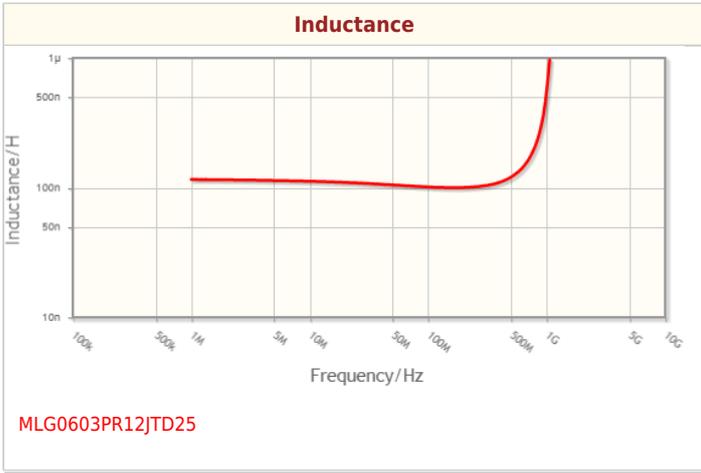
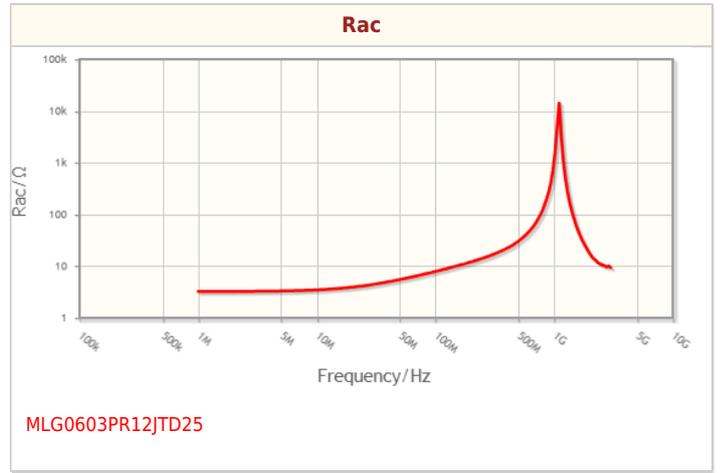
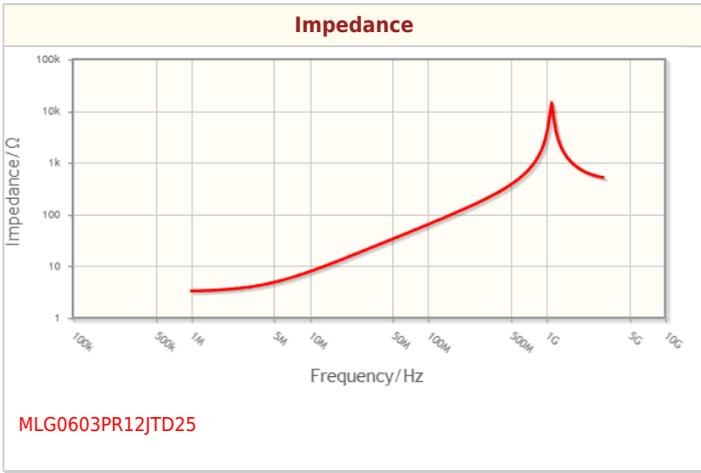
Electrical Characteristics	
Inductance	120nH ±5% at 300MHz
Rated Current	80mA
DC Resistance [Typ.]	3.79Ω
DC Resistance [Max.]	5Ω
Self Resonant Frequency [Min.]	800MHz
Self Resonant Frequency [Typ.]	1GHz
Q [Min.]	9 at 300MHz
Q [Typ.]	11 at 300MHz

Other	
Operating Temp. Range	-55 to 125°C
Soldering Method	Reflow
AEC-Q200	YES
Packing	Punched (Paper)Taping [180mm Reel, Tape width 8mm]
Package Quantity	15000pcs
Weight	0.0002g

! 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.)



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Associated Images

