RoHS Reach Halogen Free Pb Free



## MLG0603P91NHTD25

Applications	Automotive Grade	
Feature	AEC-Q200 AEC-Q200  Multilayer Multilayer  Non-Mag Core Non-Magnetic Core (Dielectric Ceramic)  High Q High Q	
Series   Type	MLG-P	
Status	Production	
Brand	TDK	



9	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	91nH ±3% at 300MHz	
Rated Current	80mA	
DC Resistance [Typ.]	2.92Ω	
DC Resistance [Max.]	4.5Ω	
Self Resonant Frequency [Min.]	900MHz	
Self Resonant Frequency [Typ.]	1.3GHz	
Q [Min.]	9 at 300MHz	
Q [Typ.]	12 at 300MHz	

Other		
Operating Temp. Range (Including Self-Temp. Rise)	-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	

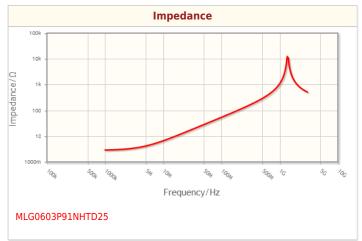
 $<sup>!\ \</sup>mbox{Images}$  are for reference only and show exemplary products.

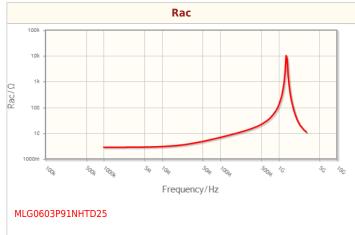
<sup>!</sup> This PDF document was created based on the data listed on the TDK Corporation website.

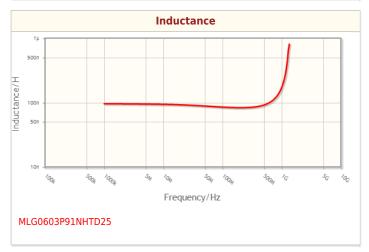
<sup>!</sup> All specifications are subject to change without notice.

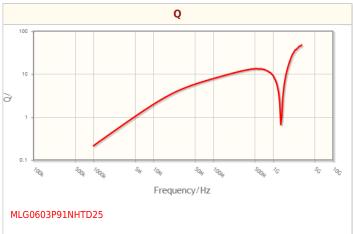
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## Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)







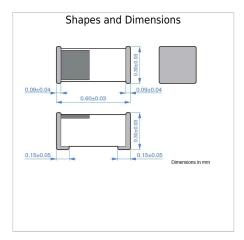


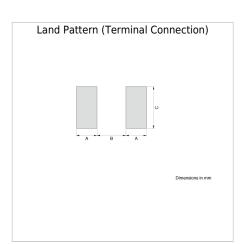
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## **Associated Images**





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