SMD / SMT Inductors (Coils) MLG0603S91NJTD25

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

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 ±5% at 100MHz	
Rated Current	50mA	
DC Resistance [Typ.]	2.97Ω	
DC Resistance [Max.]	4.3Ω	
Self Resonant Frequency [Min.]	770MHz	
Self Resonant Frequency [Typ.]	940MHz	
Q [Min.]	5 at 100MHz	
Q [Typ.]		

Other		
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125°C	
Coldering Mathed	Reflow	
Soldering Method	Iron Soldering	
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.

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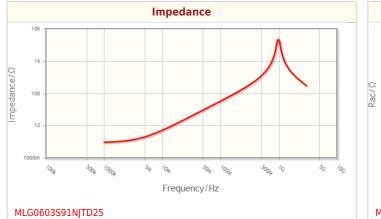
⁷G

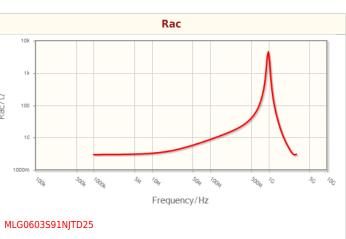
500M

S_G

1a

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





Inductance Q 100 1μ 500n Inductance/H 10 100n 50n ο. 10 ľG S_G SA, ⁵904 10004 SA 100 SQ4 1004 SOOM 10 'ag ⁵004 101 Say 100m 100 'a_ Frequency/Hz Frequency/Hz MLG0603S91NJTD25 MLG0603S91NJTD25

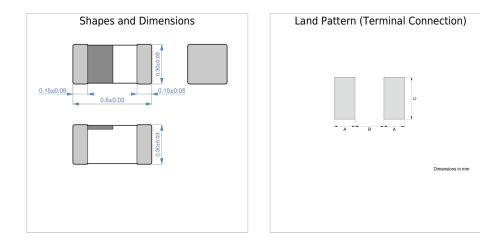
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Associated Images



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