SMD / SMT Inductors (Coils) MLG0603P5N6ST000

Applications	Commercial Grade	
Footure	Multilayer Non Mar Caro Nan Magnetic Caro (Dielectric Caromic)	
Feature	Non-Mag Core Non-Magnetic Core (Dielectric Ceramic) High Q High Q	
Series Type	MLG-P	
Status	Production	
Brand	ТДК	

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	5.6nH ±0.3nH at 500MHz	
Rated Current	350mA	
DC Resistance [Typ.]	320mΩ	
DC Resistance [Max.]	400mΩ	
Self Resonant Frequency [Min.]	4GHz	
Self Resonant Frequency [Typ.]	5.3GHz	
Q [Min.]	14 at 500MHz	
Q [Typ.]	18 at 500MHz	

Other		
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125°C	
Soldering Method	Reflow	
AEC-Q200	NO	
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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! All specifications are subject to change without notice.

6п

41

2п

10

1001

MLG0603P5N6ST000

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S_A

IQ1

Inductance/H

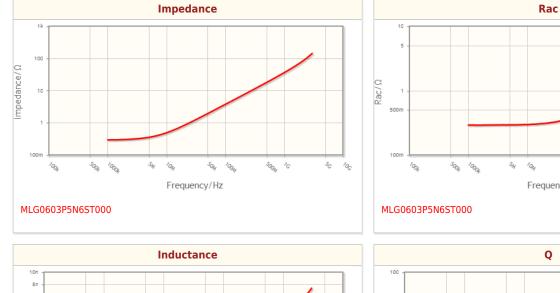
S_C

190

'G

SOOM

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



500y 10

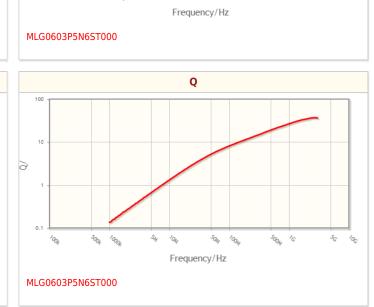
S_C

100

SOM

Frequency/Hz

1004



Say 1004

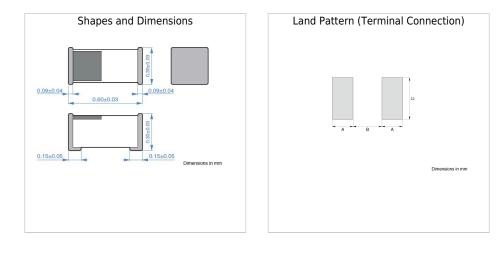
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Associated Images



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