SMD / SMT Inductors (Coils) MLG0603P1N6BTD25

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

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	1.6nH ±0.1nH at 500MHz	
Rated Current	700mA	
DC Resistance [Typ.]	30mΩ	
DC Resistance [Max.]	100mΩ	
Self Resonant Frequency [Min.]	10GHz	
Self Resonant Frequency [Typ.]	13.4GHz	
Q [Min.]	14 at 500MHz	
Q [Typ.]	17 at 500MHz	

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	

! Images are for reference only and show exemplary products.

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! All specifications are subject to change without notice.

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Sig.

IQ1

50₁₄

Frequency/Hz

'a,

S_C

190

'G

₹G

500₁₄

S_G

 \mathcal{C}

SOOM

SOM

Frequency/Hz

10014

Sizy

104

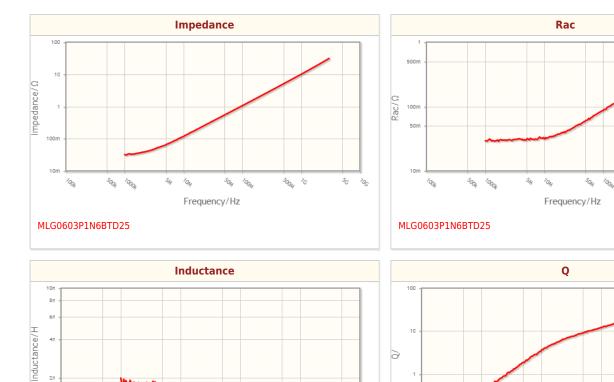
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

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500₁₄

S_C

Iq.

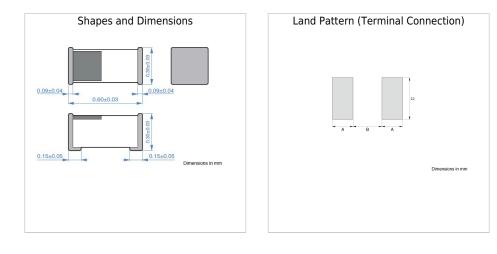
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Associated Images



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