SMD / SMT Inductors (Coils) MHQ0603P2N2BT000

Applications	Commercial Grade	
Feature	Multilayer Non-Mag Core Non-Magnetic Core (Dielectric Ceramic) Super High Q Super High Q	
Series Type	MHQ-P	
Status	Production	
Brand	ТДК	

Size		
Length(L)	0.65mm ±0.05mm	
Width(W)	0.35mm ±0.05mm	
Thickness Height	0.35mm ±0.05mm	
Recommended Land Pattern (A)	0.25mm Nom.	
Recommended Land Pattern (B)	0.30mm Nom.	
Recommended Land Pattern (C)	0.30mm Nom.	

Electrical Characteristics		
Inductance	2.2nH ±0.1nH at 500MHz	
Rated Current	700mA	
DC Resistance [Typ.]	90mΩ	
DC Resistance [Max.]	150mΩ	
Self Resonant Frequency [Min.]	10GHz	
Self Resonant Frequency [Typ.]	13.2GHz	
Q [Min.]	16 at 500MHz	
Q [Typ.]		

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	

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2п

10

1001

MHQ0603P2N2BT000

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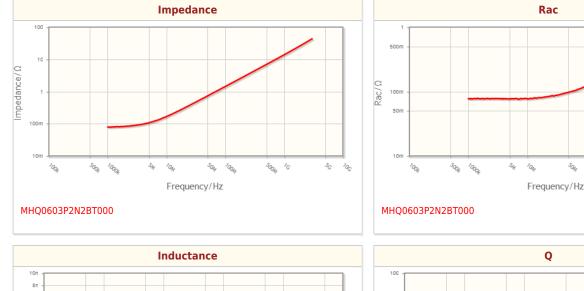
Inductance/H

S_C

190

500y 'G

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



SOOM 'G S_C

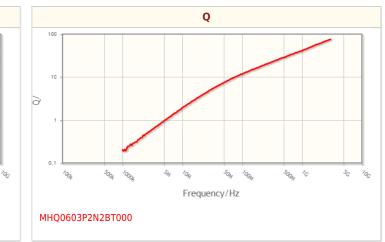
SOM

Frequency/Hz

1004

Sig.

IQ1



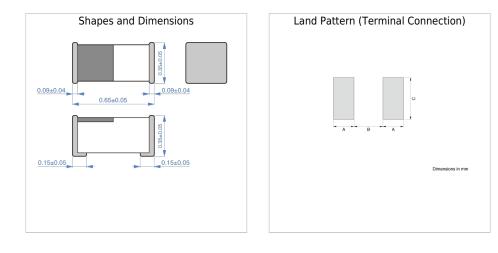
SQy 1004

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Associated Images



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