&TDK SMD / SMT Inductors (Coils) MHQ0603P1N2CTD25

Applications	Automotive Grade	
Feature	AEC-Q200AEC-Q200 Multilayer Non-Mag Core Non-Magnetic Core (Dielectric Ceramic) Super High Q	
Series Type	MHQ-P	
Status	Production	
Brand	ТОК	

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	1.2nH ±0.2nH at 500MHz		
Rated Current	1A		
DC Resistance [Typ.]	40mΩ		
DC Resistance [Max.]	80mΩ		
Self Resonant Frequency [Min.]	10GHz		
Self Resonant Frequency [Typ.]	20GHz		
Q [Min.]			
Q [Typ.]			

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. ! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

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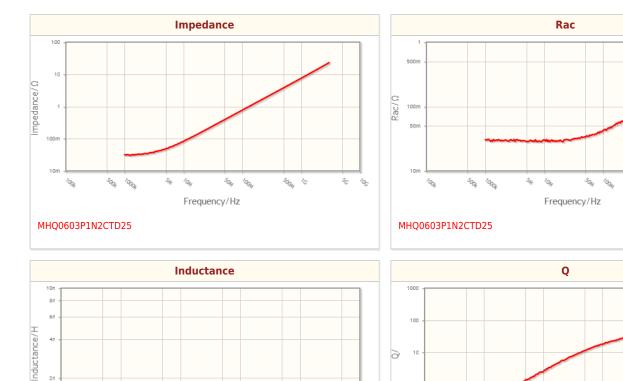
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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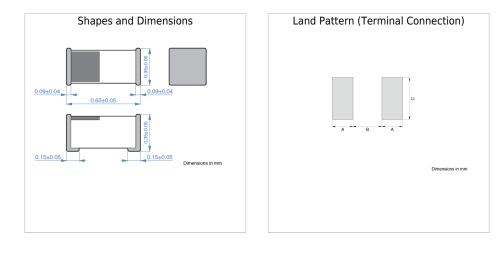
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