



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



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	3nH ±0.1nH at 500MHz
Rated Current	450mA
DC Resistance [Typ.]	190mΩ
DC Resistance [Max.]	300mΩ
Self Resonant Frequency [Min.]	8GHz
Self Resonant Frequency [Typ.]	10.3GHz
Q [Min.]	16 at 500MHz
Q [Typ.]	

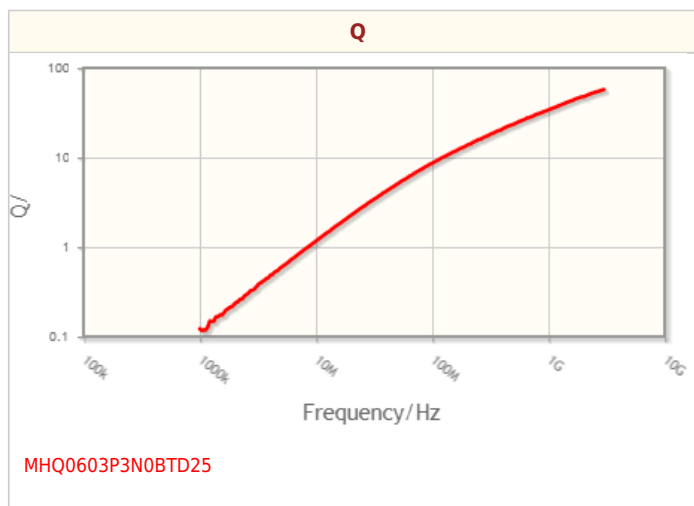
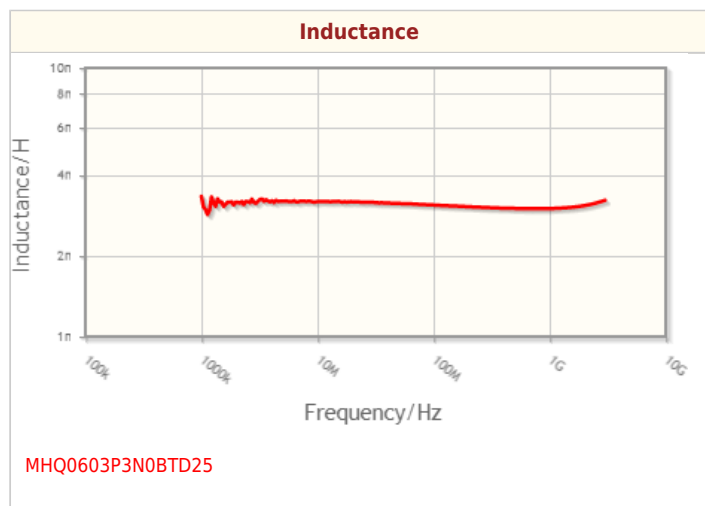
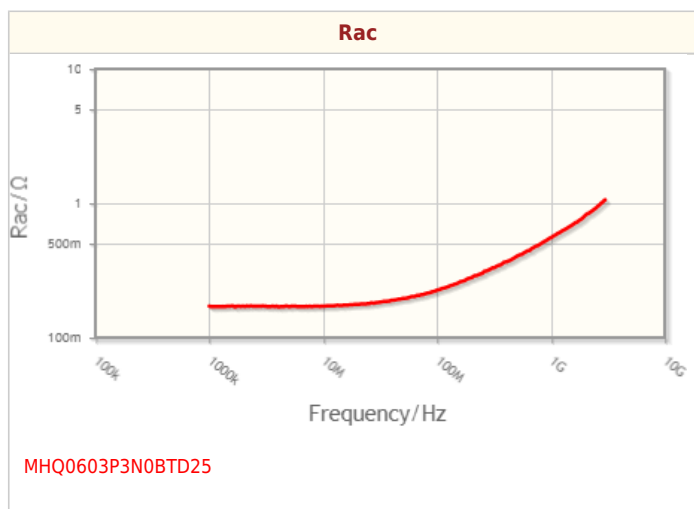
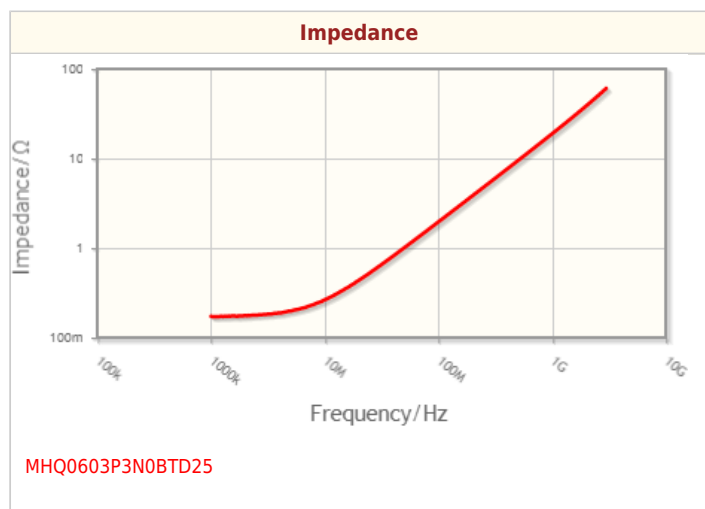
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125°C
Soldering Method	Reflow
AEC-Q200	Yes
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	15000pcs
Weight	0.0002g

! 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.

MHQ0603P3N0BTD25



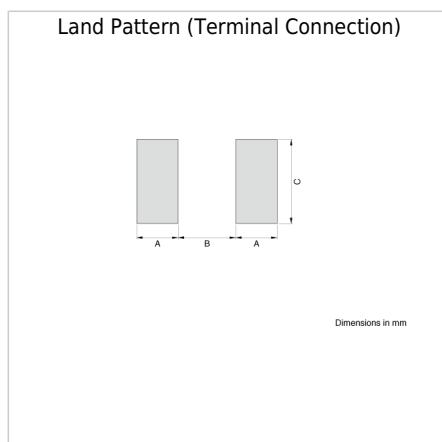
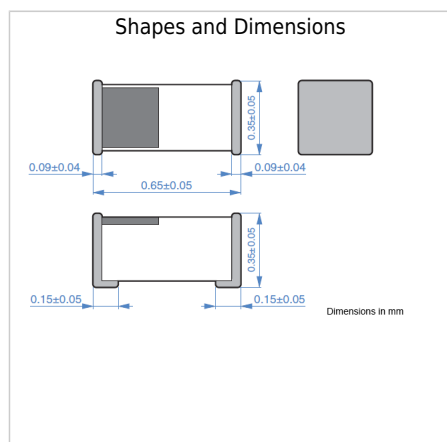
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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Associated Images



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