

MHQ0402P0N5BT000



<b>Applications</b>	Commercial Grade
<b>Feature</b>	<div style="border: 1px solid black; padding: 2px;">Multilayer</div> Multilayer <div style="border: 1px solid black; padding: 2px;">Non-Mag Core</div> Non-Magnetic Core (Dielectric Ceramic) <div style="border: 1px solid black; padding: 2px;">Super High Q</div> Super High Q
<b>Series   Type</b>	MHQ-P
<b>Status</b>	<div style="border: 1px solid black; padding: 2px;"> Production (Not Recommended for New Design)</div> Recommended Alternate Part No. : <a href="#">MHQ0402PSA0N5BT000</a> (Interchangeability is not guaranteed.)
<b>Brand</b>	TDK



Size	
Length(L)	0.44mm ±0.02mm
Width(W)	0.24mm ±0.02mm
Thickness   Height	0.24mm ±0.02mm
Recommended Land Pattern (A)	0.15mm to 0.20mm
Recommended Land Pattern (B)	0.20mm Nom.
Recommended Land Pattern (C)	0.18mm to 0.20mm

Electrical Characteristics	
Inductance	0.5nH ±0.1nH at 500MHz
Rated Current	320mA
DC Resistance [Typ.]	50mΩ
DC Resistance [Max.]	200mΩ
Self Resonant Frequency [Min.]	10GHz
Self Resonant Frequency [Typ.]	18.8GHz
Q [Min.]	
Q [Typ.]	12 at 500MHz

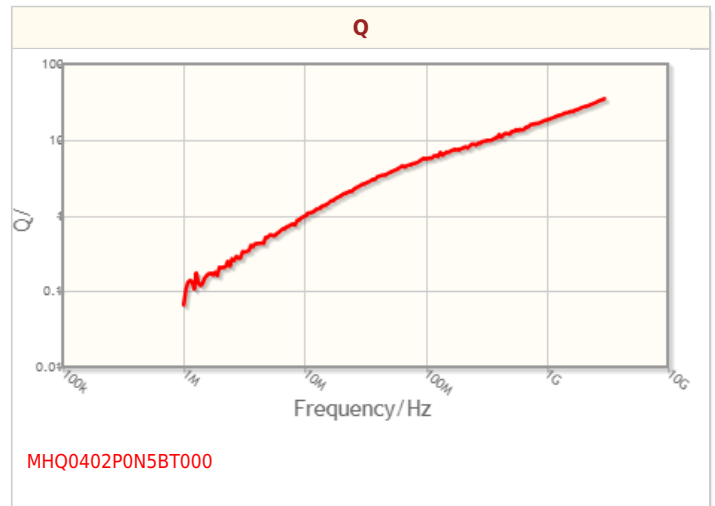
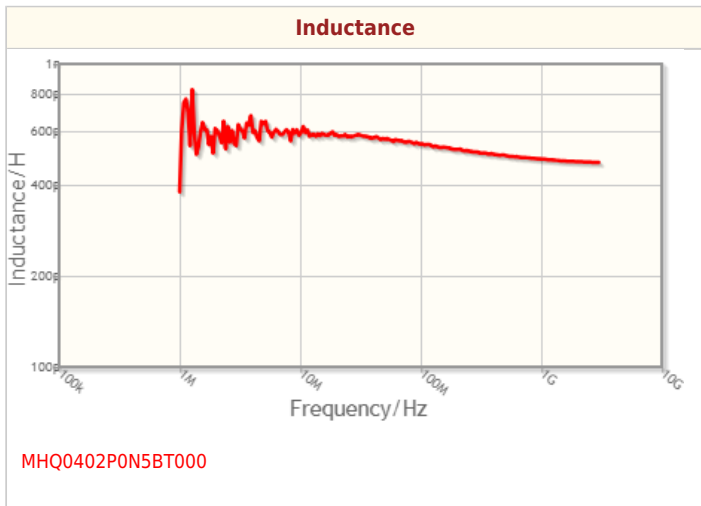
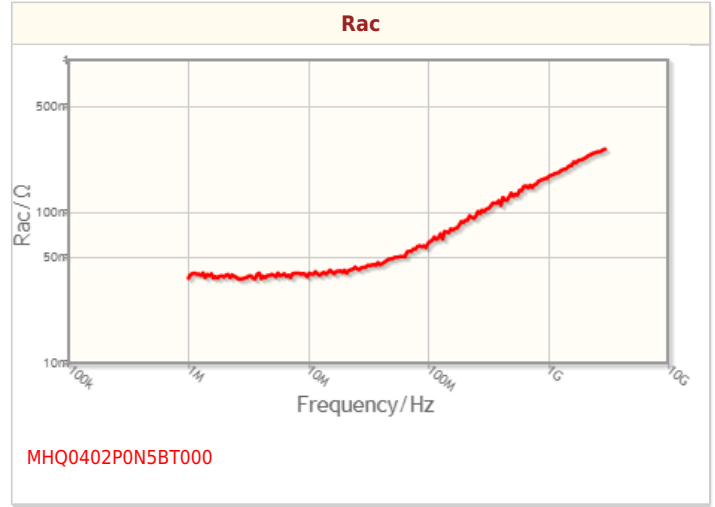
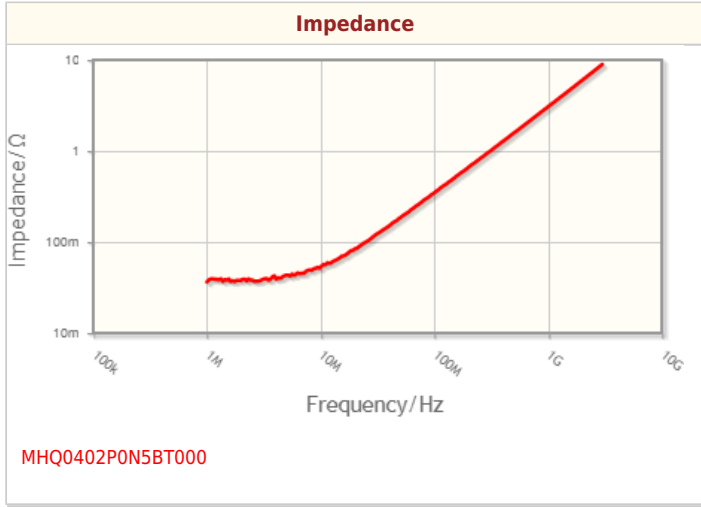
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125°C
Soldering Method	Reflow
AEC-Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	20000pcs
Weight	0.00011g

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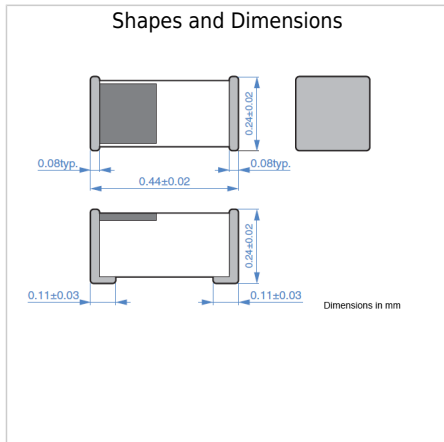
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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## Associated Images



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