

Product Status	Production
Applications	Commercial Grade
Feature	Multilayer Non-Mag Core Non-Magnetic Core (Dielectric Ceramic) High Q
Series Type	MLG-Q
Brand	TDK
Environmental Compliance	 RoHS  REACH  Halogen Free  Lead Free



Size	
Length(L)	0.40mm \pm 0.02mm
Width(W)	0.20mm \pm 0.02mm
Thickness Height	0.20mm \pm 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	5.1nH \pm 0.3nH at 100MHz
Rated Current	160mA
DC Resistance [Typ.]	900m Ω
DC Resistance [Max.]	1.4 Ω
Self Resonant Frequency [Min.]	6GHz
Self Resonant Frequency [Typ.]	7.8GHz
Q [Min.]	2 at 100MHz
Q [Typ.]	4 at 100MHz

Other	
Operating Temp. Range	-55 to 125°C
Soldering Method	Reflow
AEC-Q200	NO
Packing	Punched (Paper)Taping [180mm Reel, Tape width 8mm]
Package Quantity	20000pcs
Weight	0.00007g

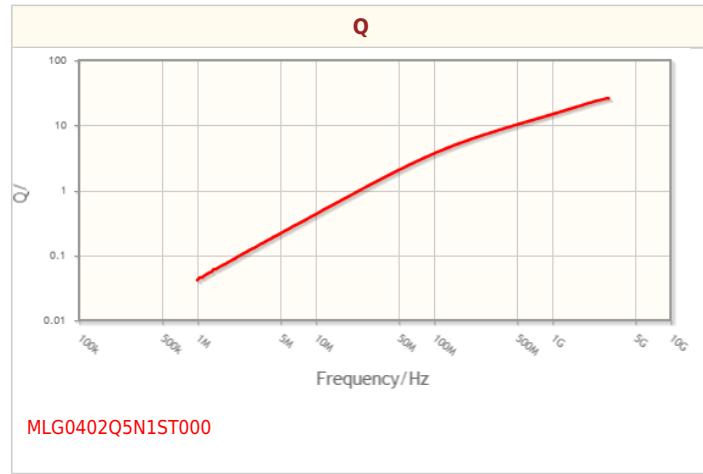
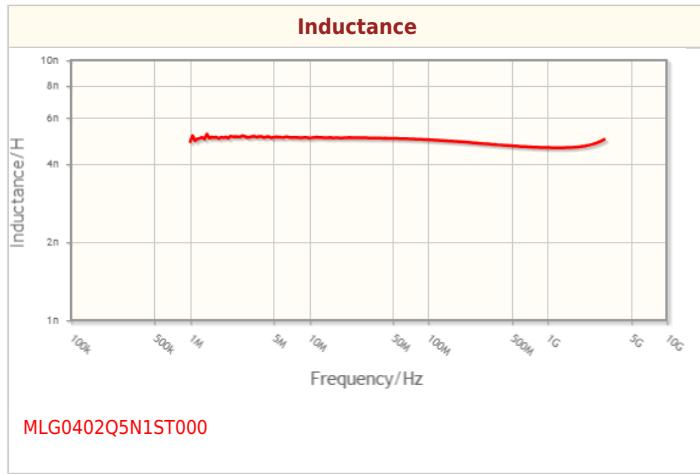
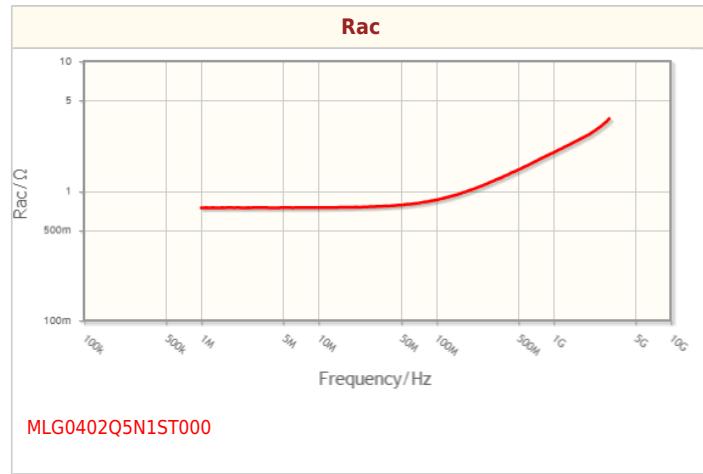
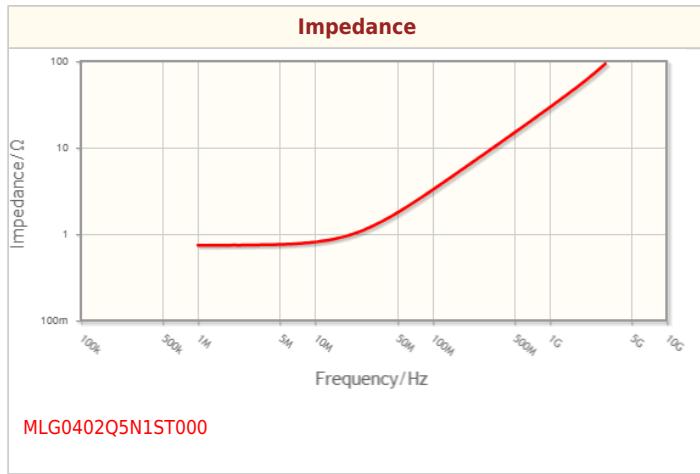
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MLG0402Q5N1ST000

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

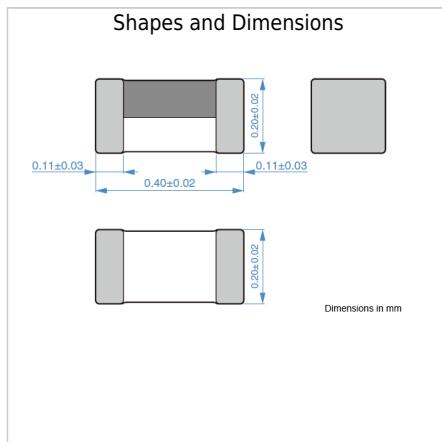


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Associated Images



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