

MLG0402Q1N5BT000

**Applications**

Commercial Grade

**Multilayer** Multilayer**Feature****Non-Mag Core**

Non-Magnetic Core (Dielectric Ceramic)

**High Q** High Q**Series | Type**

MLG-Q

**Status**

Production

**Brand**

TDK

**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	1.5nH $\pm$ 0.1nH at 100MHz
Rated Current	220mA
DC Resistance [Typ.]	370m $\Omega$
DC Resistance [Max.]	600m $\Omega$
Self Resonant Frequency [Min.]	10GHz
Self Resonant Frequency [Typ.]	15.6GHz
Q [Min.]	2 at 100MHz
Q [Typ.]	3 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

! Images are for reference only and show exemplary products.

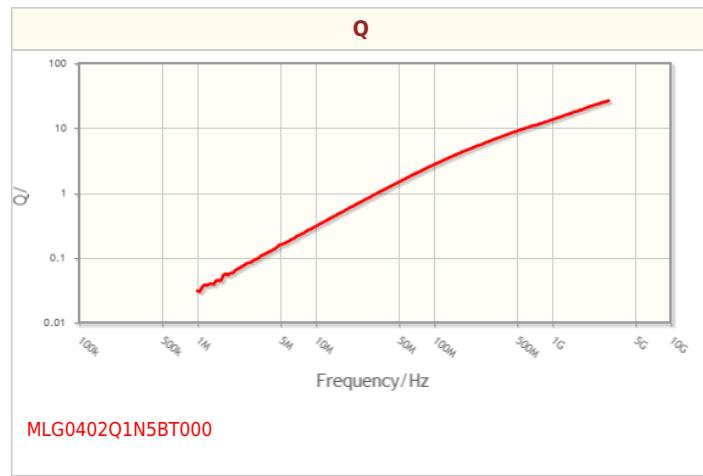
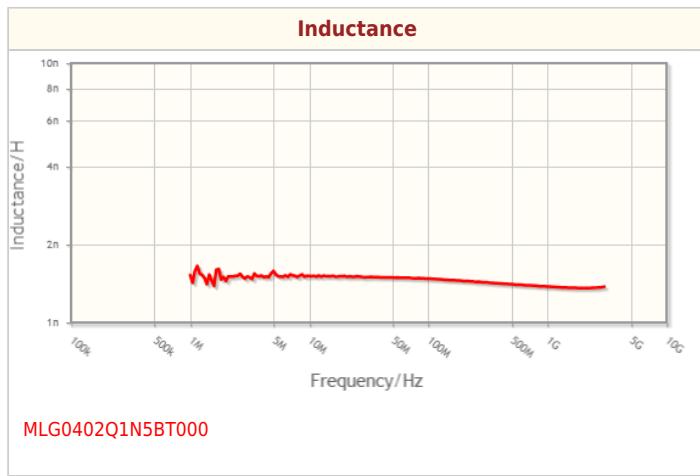
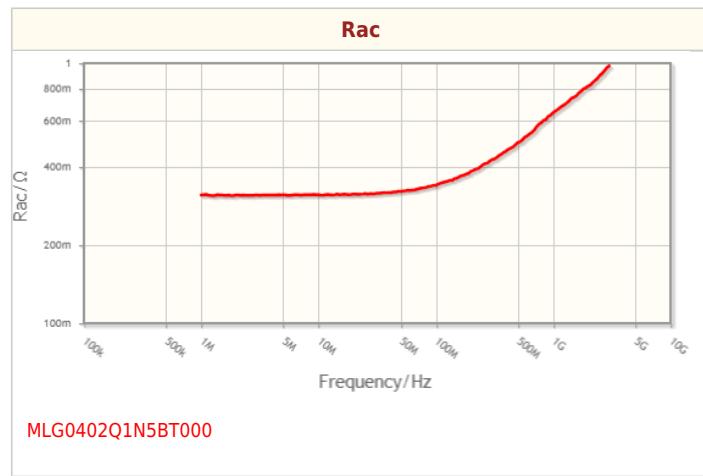
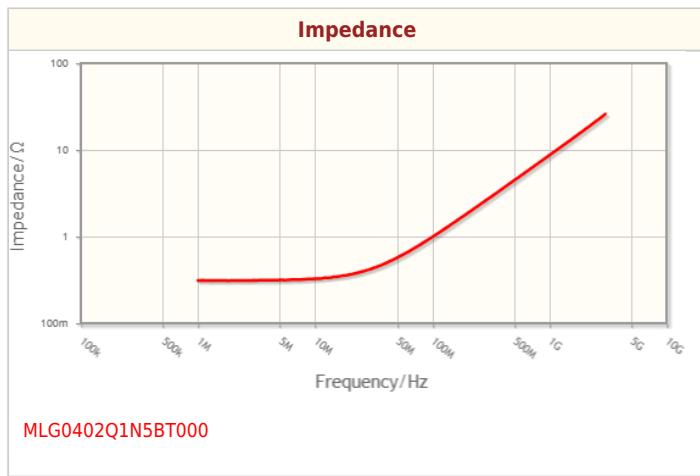
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## Characteristic Graphs (This is reference data, and does not guarantee the products characteristics.)

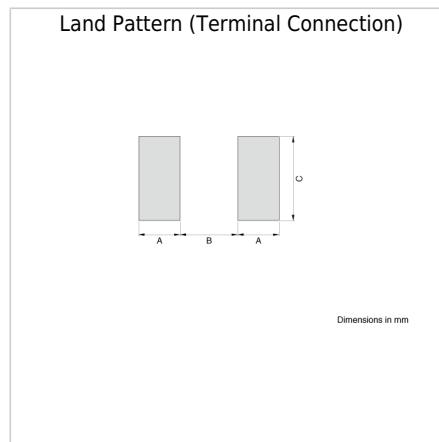
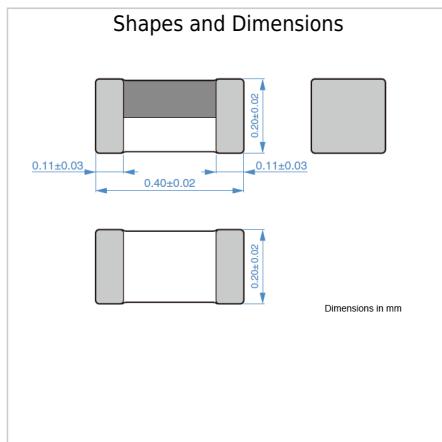


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## Associated Images



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