

Applications



Automotive Grade

Feature

AEC-Q200

AEC-Q200

Multilayer

Multilayer

Non-Mag Core

Non-Magnetic Core (Dielectric Ceramic)

High Q

High Q

Series | Type

MLG-P

Status



Production

Brand

TDK



Size

Length(L)	0.60mm ±0.03mm
Width(W)	0.30mm ±0.03mm
Thickness Height	0.30mm ±0.03mm
Recommended Land Pattern (A)	0.25mm Nom.
Recommended Land Pattern (B)	0.30mm Nom.
Recommended Land Pattern (C)	0.30mm Nom.

Electrical Characteristics

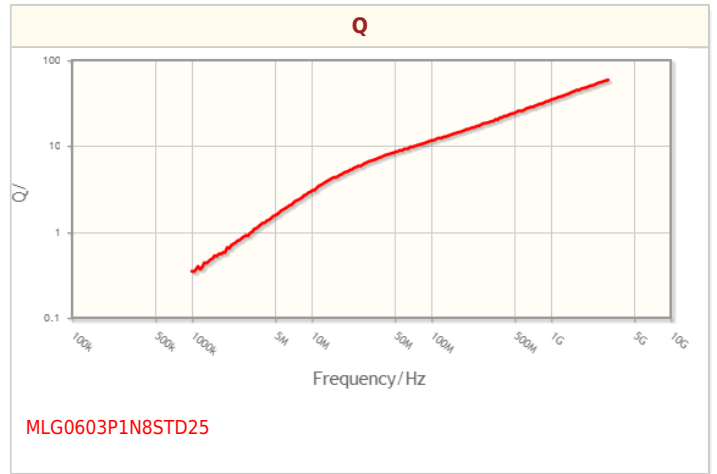
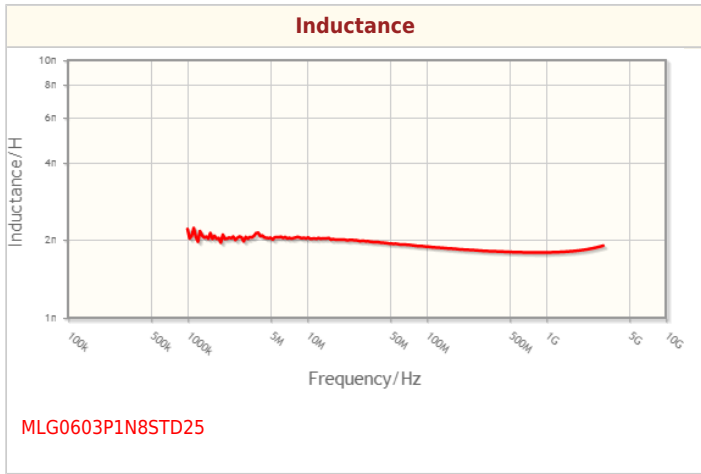
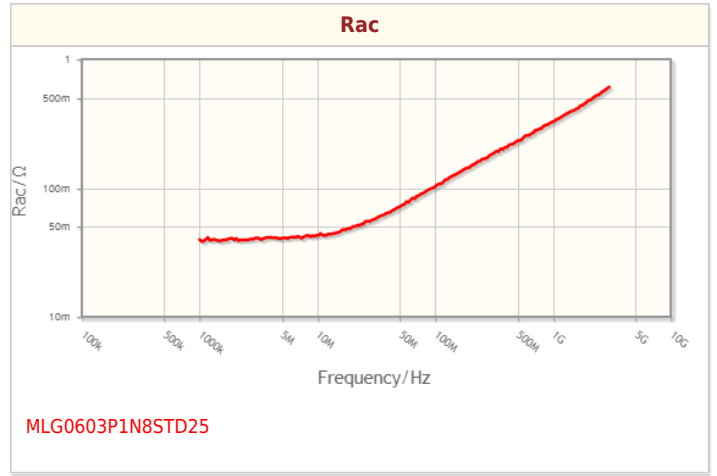
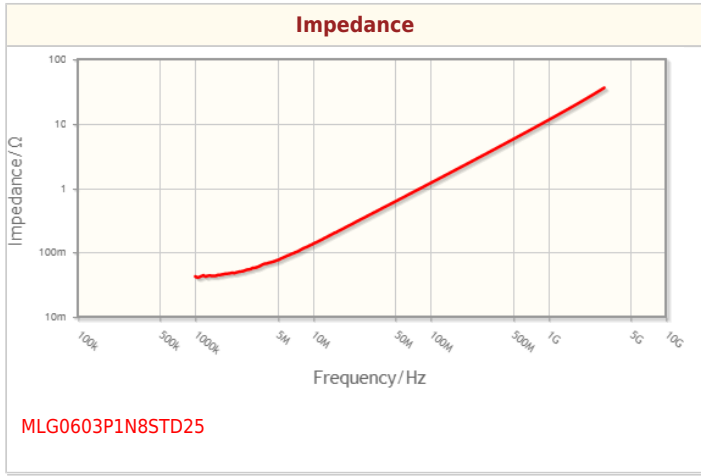
Inductance	1.8nH ±0.3nH at 500MHz
Rated Current	700mA
DC Resistance [Typ.]	30mΩ
DC Resistance [Max.]	100mΩ
Self Resonant Frequency [Min.]	9GHz
Self Resonant Frequency [Typ.]	10.7GHz
Q [Min.]	14 at 500MHz
Q [Typ.]	17 at 500MHz

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.
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! All specifications are subject to change without notice.

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



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Associated Images

