

MLF1608DR18MTD25

**Applications**

Automotive Grade

AEC-Q200

No Directivity

Feature

Multilayer

Shield

Ferrite Core

Series | Type

MLF

Status

Production

Brand

TDK

**Size**

Length(L)	1.60mm ±0.15mm
Width(W)	0.80mm ±0.15mm
Thickness Height	0.80mm ±0.15mm
Recommended Land Pattern (A)	0.60mm Nom.
Recommended Land Pattern (B)	0.80mm Nom.
Recommended Land Pattern (C)	0.80mm Nom.

Electrical Characteristics

Inductance	180nH ±20% at 25MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	150mA
Rated Current (Temperature Rise) [Typ.]	
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	250mΩ
DC Resistance [Max.]	500mΩ
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	320MHz
Self Resonant Frequency [Typ.]	450MHz
Q [Min.]	15 at 25MHz
Q [Typ.]	25 at 25MHz

Other

Operating Temp. Range	-55 to 125°C
Soldering Method	Reflow Iron Soldering
AEC-Q200	YES
Packing	Punched (Paper)Taping [180mm Reel]

! Images are for reference only and show exemplary products.

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! All specifications are subject to change without notice.

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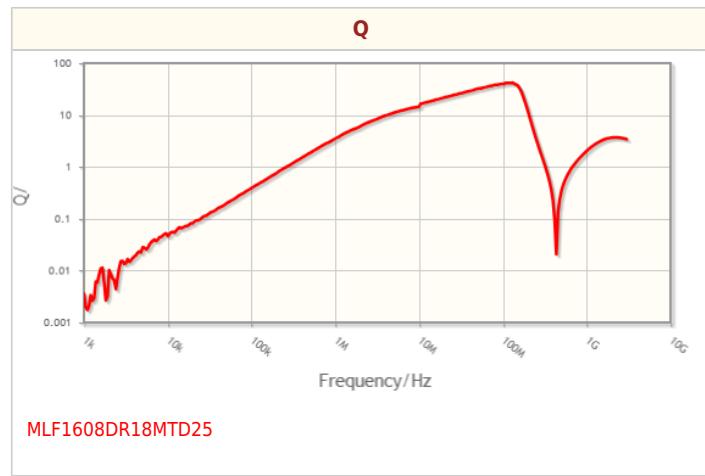
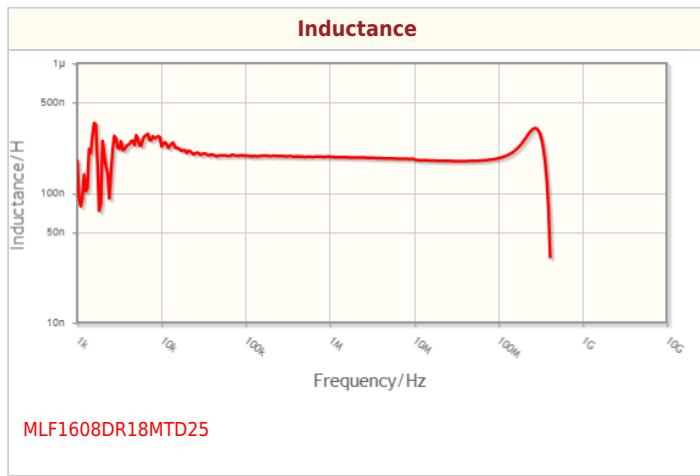
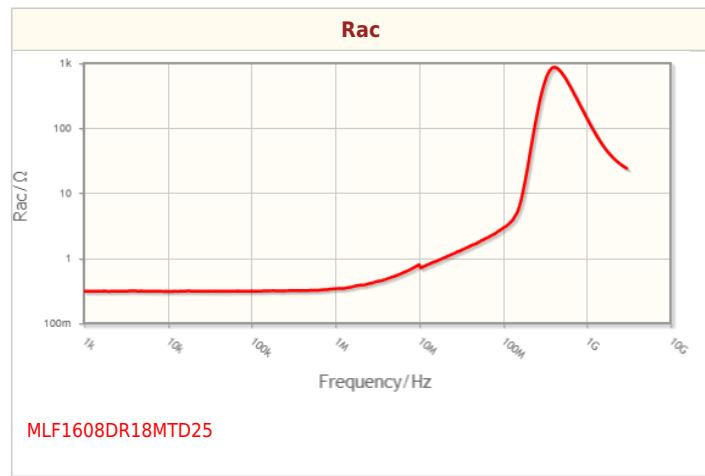
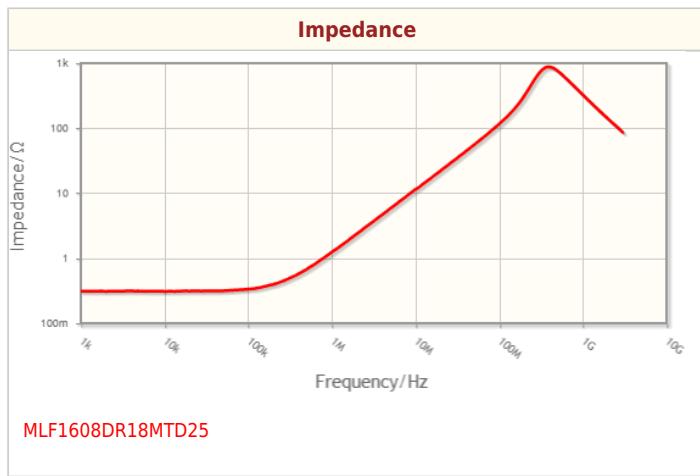
Package Quantity	4000pcs
Weight	0.004g

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

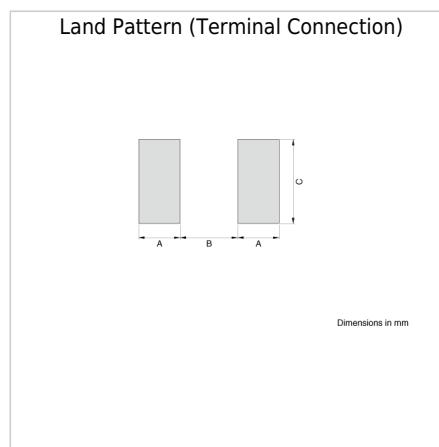
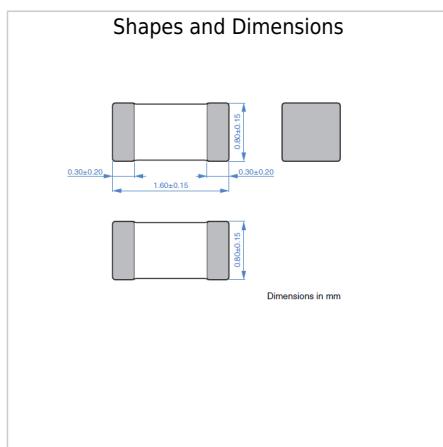


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Associated Images



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