

MLF2012K560KTD25

**Applications**

Automotive Grade

AEC-Q200

No Directivity

Feature

Multilayer

Shield

Ferrite Core

Series | Type

MLF

Status

Production

Brand

TDK

**Size**

Length(L)	2.00mm ±0.20mm
Width(W)	1.25mm ±0.20mm
Thickness Height	1.25mm ±0.20mm
Recommended Land Pattern (A)	0.80mm Nom.
Recommended Land Pattern (B)	1.00mm Nom.
Recommended Land Pattern (C)	1.20mm Nom.

Electrical Characteristics

Inductance	56µH ±10% at 2MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	4mA
Rated Current (Temperature Rise) [Typ.]	
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	1.8Ω
DC Resistance [Max.]	2.8Ω
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	10MHz
Self Resonant Frequency [Typ.]	18MHz
Q [Min.]	35 at 2MHz
Q [Typ.]	55 at 2MHz

Other

Operating Temp. Range	-40 to 85°C
Soldering Method	Reflow Iron Soldering
AEC-Q200	YES
Packing	Embossed (Plastic)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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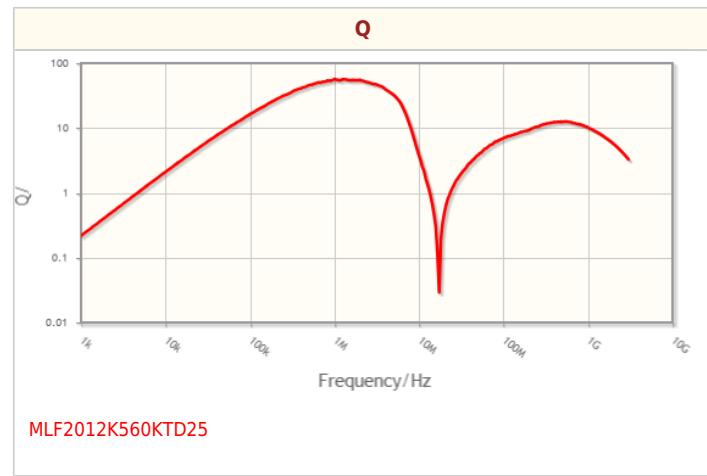
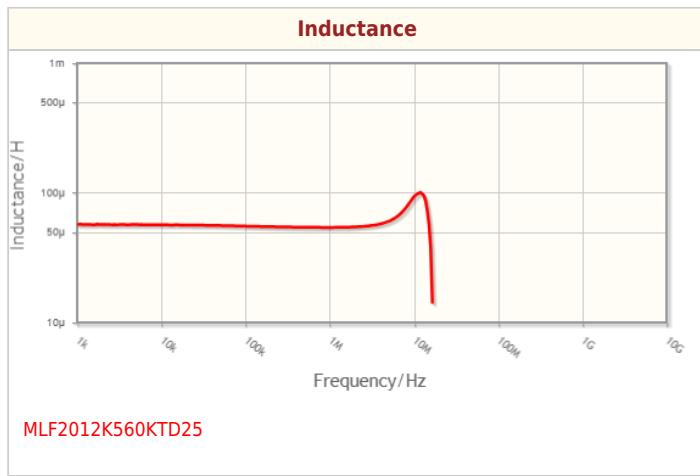
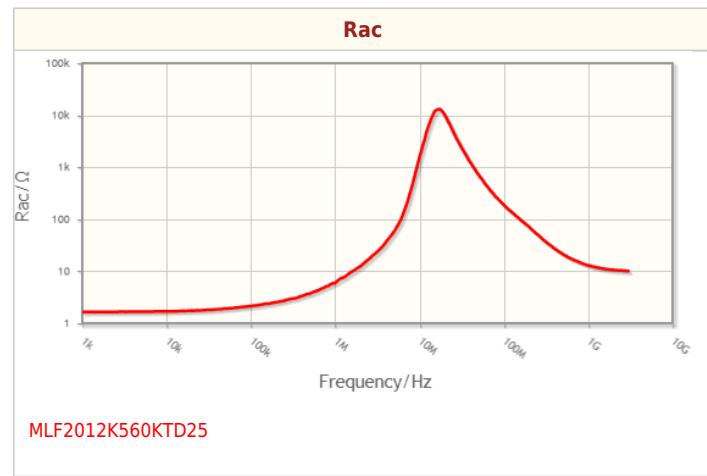
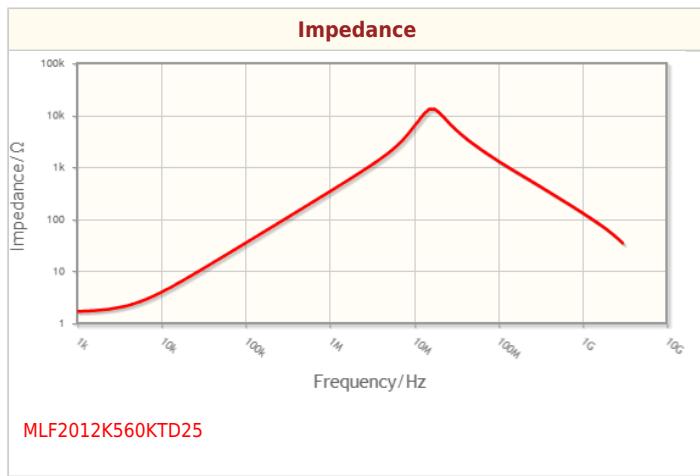
Package Quantity	2000pcs
Weight	0.014g

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



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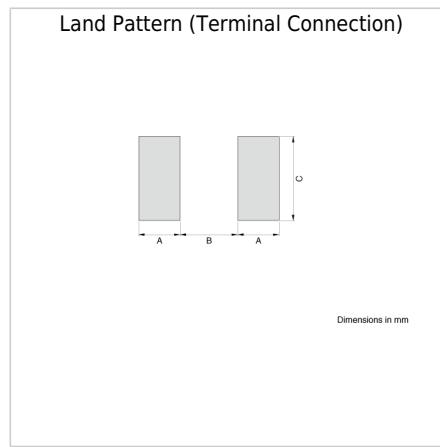
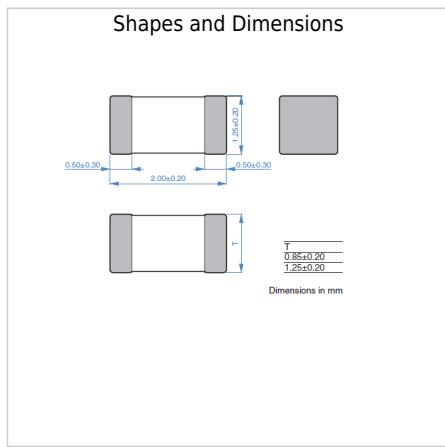
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Associated Images



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