

MLF2012DR12KT000



### Applications



Commercial Grade

### Feature



Magnetic Shield



Multilayer



Ferrite Core

### Series | Type

MLF

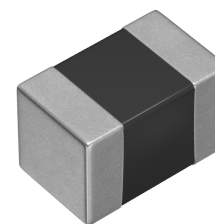
### Status



Production

### Brand

TDK



### Size

Length(L)	2.00mm ±0.20mm
Width(W)	1.25mm ±0.20mm
Thickness   Height	0.85mm ±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	120nH ±10% at 25MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	
Rated Current (Temperature Rise) [Typ.]	
Rated Current (Temperature Rise) [Max.]	300mA
DC Resistance [Typ.]	120mΩ
DC Resistance [Max.]	200mΩ
Self Resonant Frequency [Min.]	360MHz
Self Resonant Frequency [Typ.]	450MHz
Q [Min.]	20
Q [Typ.]	30

### Other

Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125°C
Soldering Method	Reflow Iron Soldering
AEC-Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000pcs
Weight	0.01g

! Images are for reference only and show exemplary products.

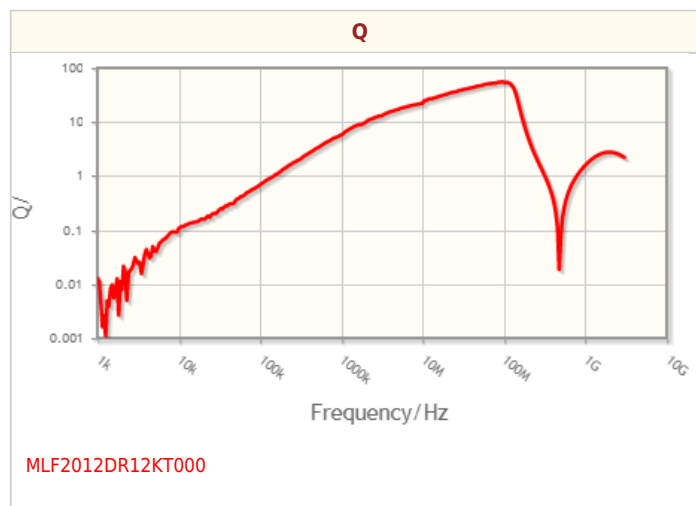
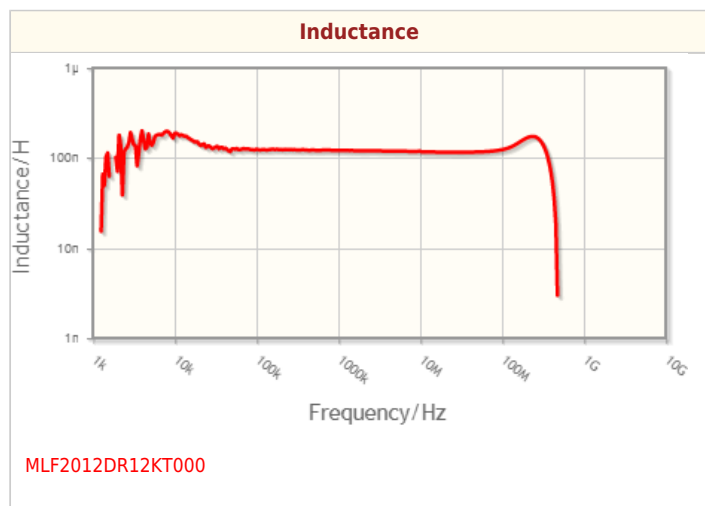
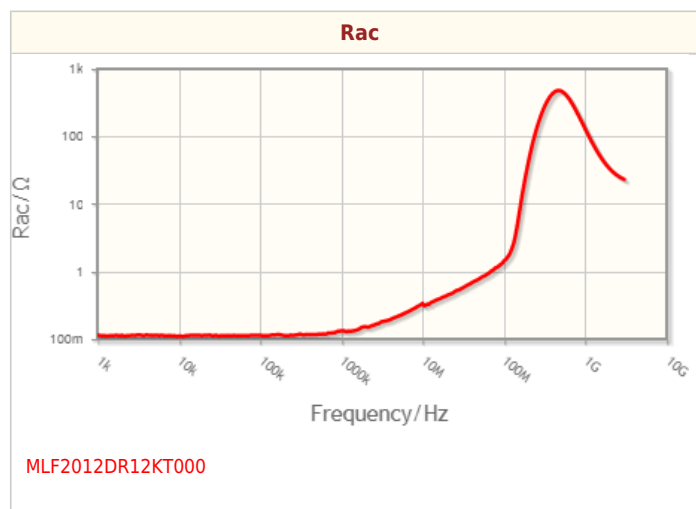
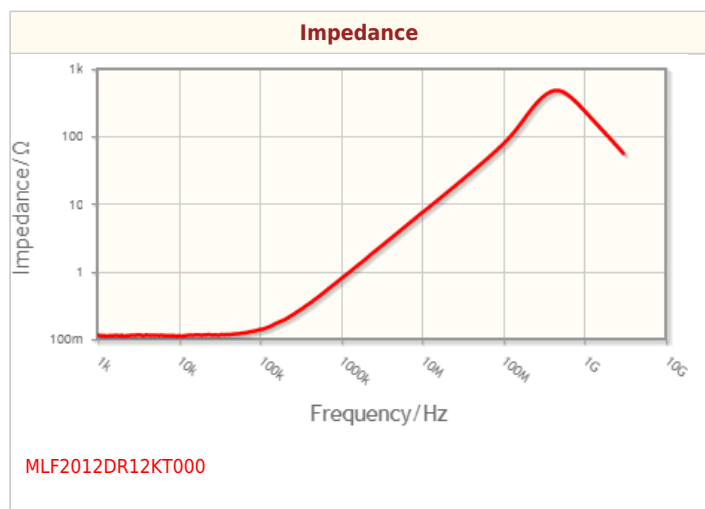
! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

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



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## Associated Images

