

MLF2012E8R2JTD25



Applications	Automotive Grade
Feature	Magnetic Shield
	Multilayer
	Ferrite Core
	AEC-Q200
Series Type	MLF
Status	Production
Brand	TDK



Size	
Length(L)	2.00mm ±0.20mm
Width(W)	1.25mm ±0.20mm
Thickness(T)	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	8.2µH ±5% at 4MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	
Rated Current (Temperature Rise) [Typ.]	
Rated Current (Temperature Rise) [Max.]	15mA
DC Resistance [Typ.]	350mΩ
DC Resistance [Max.]	700mΩ
Self Resonant Frequency [Min.]	35MHz
Self Resonant Frequency [Typ.]	55MHz
Q [Min.]	50
Q [Typ.]	75

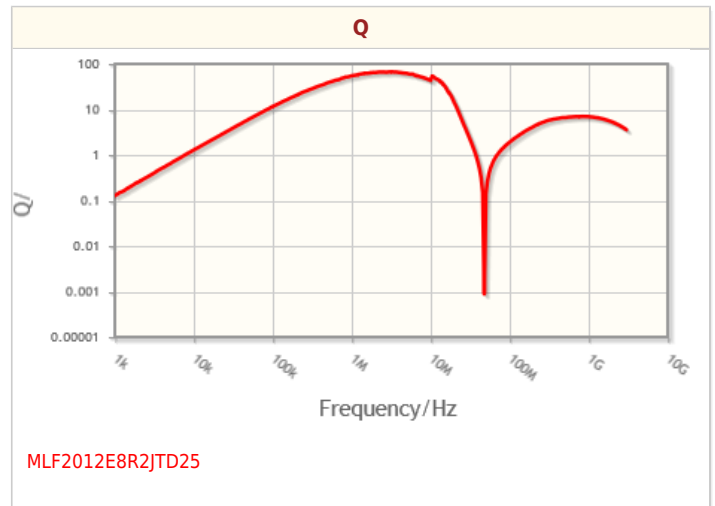
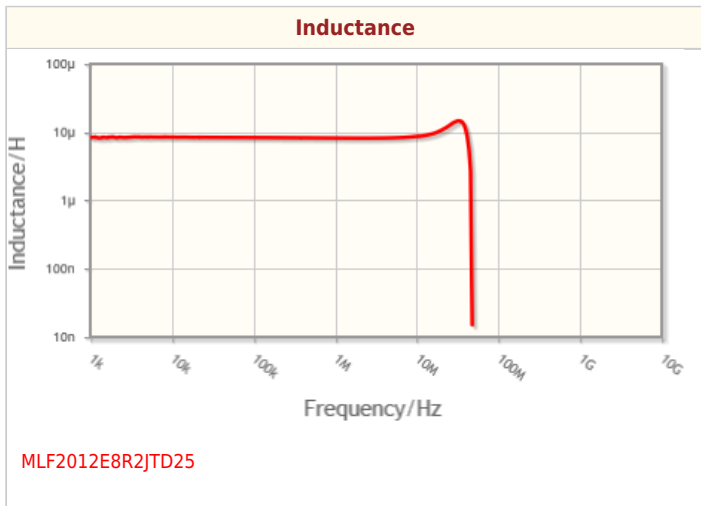
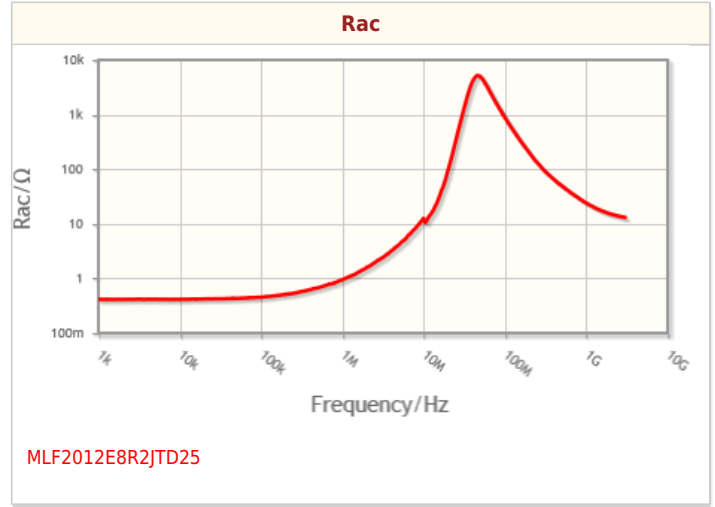
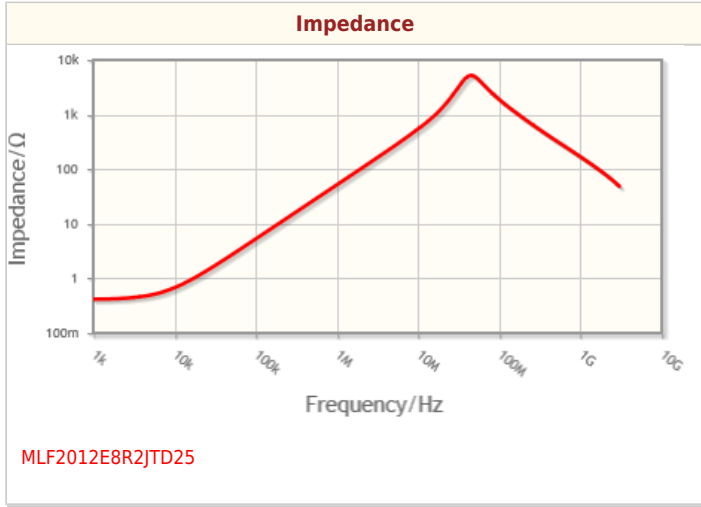
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125°C
Soldering Method	Reflow
	Iron Soldering
AEC-Q200	Yes
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs
Weight	0.014g

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



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Associated Images

