

MLZ2012A1R5WTD25



Applications	Automotive Grade
Feature	<div style="border: 1px solid black; padding: 2px; display: inline-block;">AEC-Q200</div> AEC-Q200 <div style="border: 1px solid black; padding: 2px; display: inline-block; background-color: #f8d7da;">Multilayer</div> Multilayer <div style="border: 1px solid black; padding: 2px; display: inline-block; background-color: #d4edda;">Shield</div> Magnetic Shield <div style="border: 1px solid black; padding: 2px; display: inline-block; background-color: #d4edda;">Ferrite Core</div> Ferrite Core
Series	MLZ
Status	Production



Size	
Length(L)	2.00mm ±0.20mm
Width(W)	1.25mm ±0.20mm
Thickness(T)	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	1.5µH ±20% at 10MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	250mA (50% Down)
Rated Current (Temperature Rise) [Typ.]	750mA (20°C Rise)
Rated Current (Temperature Rise) [Max.]	250mA (20°C Rise)
DC Resistance [Typ.]	130mΩ
DC Resistance [Max.]	169mΩ
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

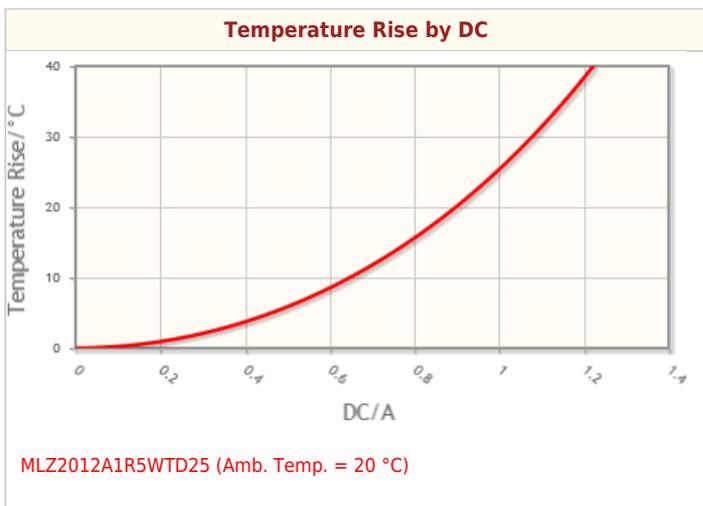
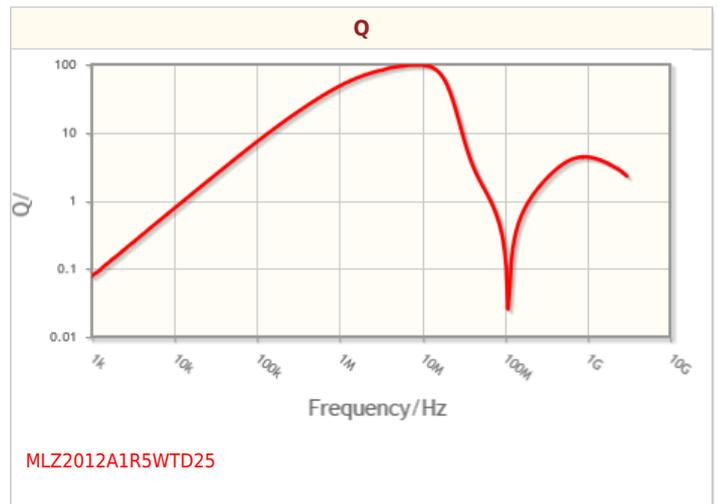
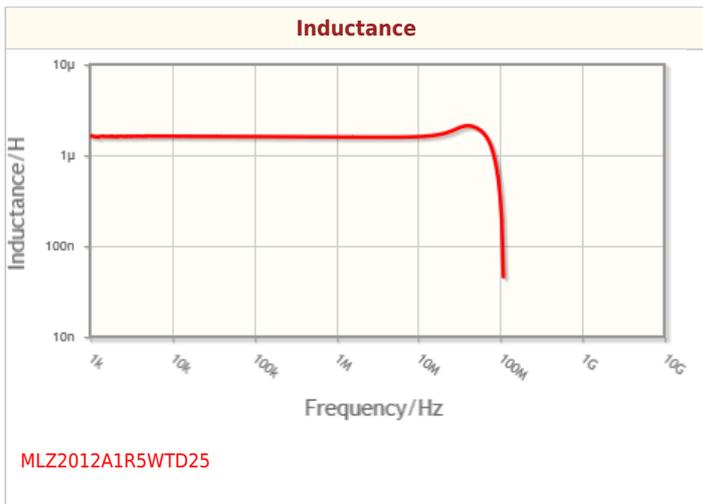
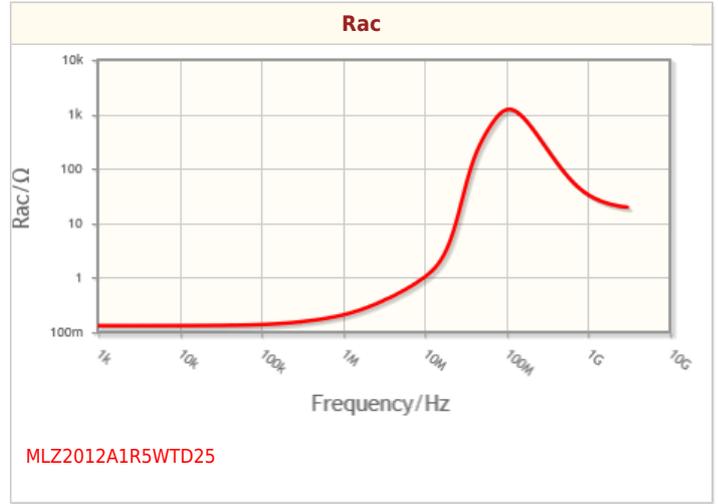
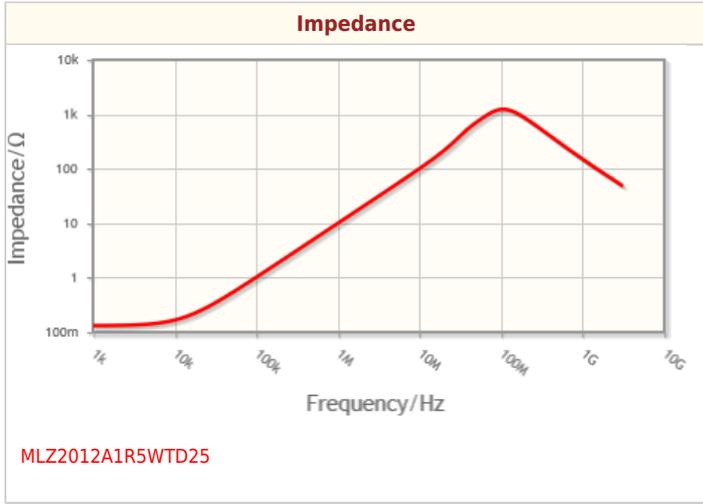
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125°C
Soldering Method	Flow Reflow Iron Soldering
AEC-Q200	Yes
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000pcs
Weight	0.01g

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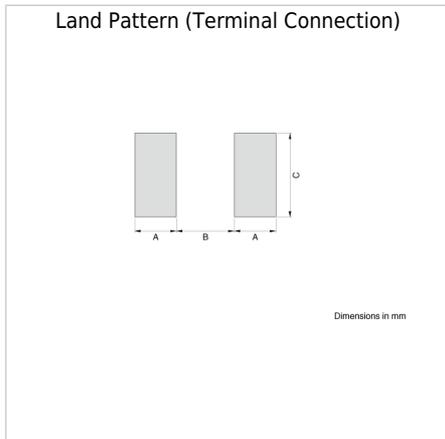
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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Associated Images



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