

Applications	Commercial Grade
Feature	<div>Wire Wound</div> <div>Wire Wound</div> <div>Magnetic Shield</div> <div>Ferrite Core</div> <div>Ferrite Core</div>
Series   Type	VLS-CX-1
Status	Production
Brand	TDK

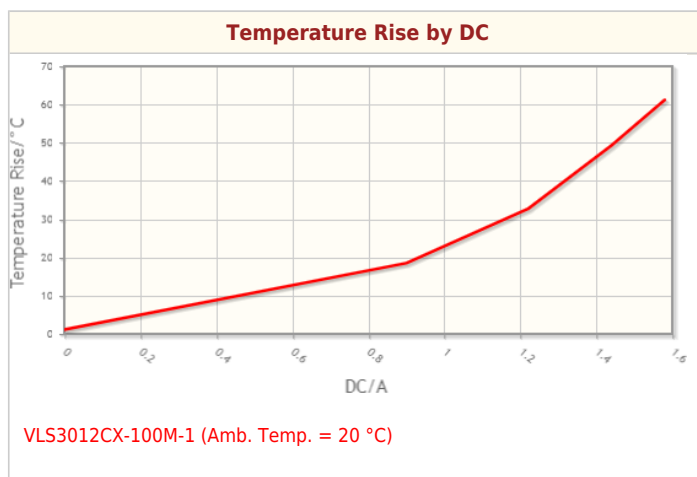
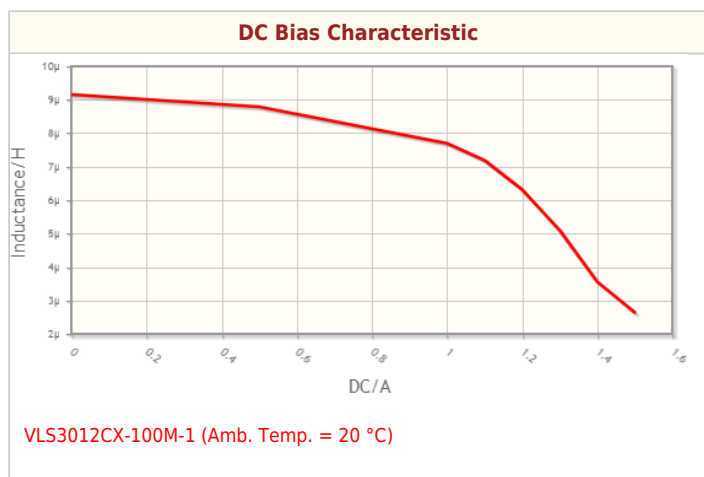
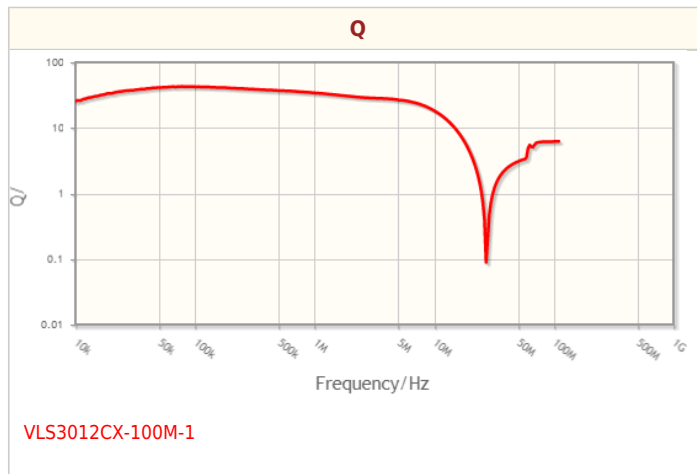
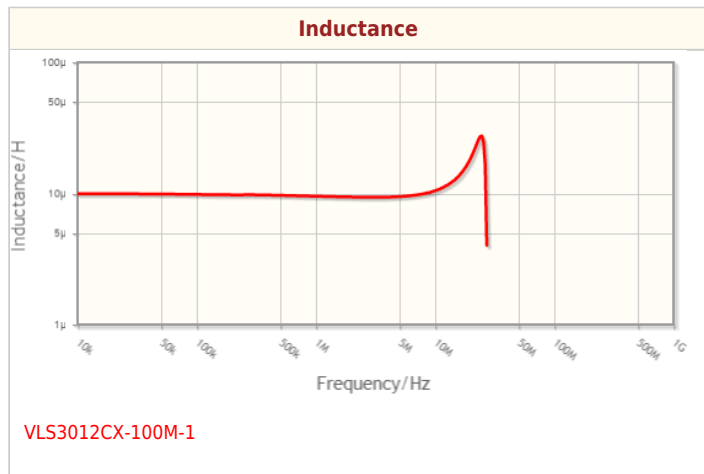
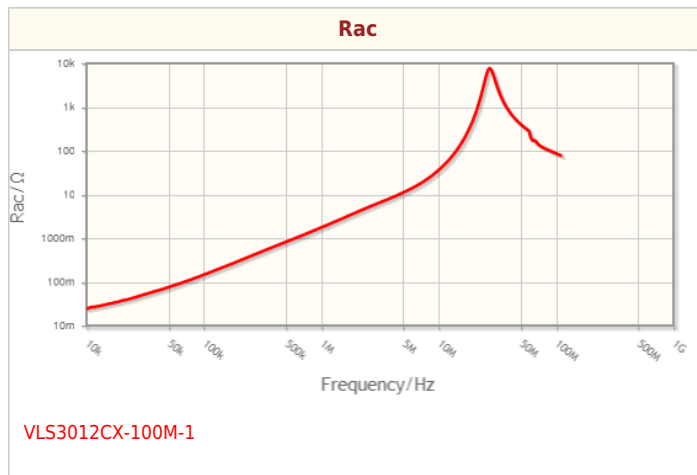
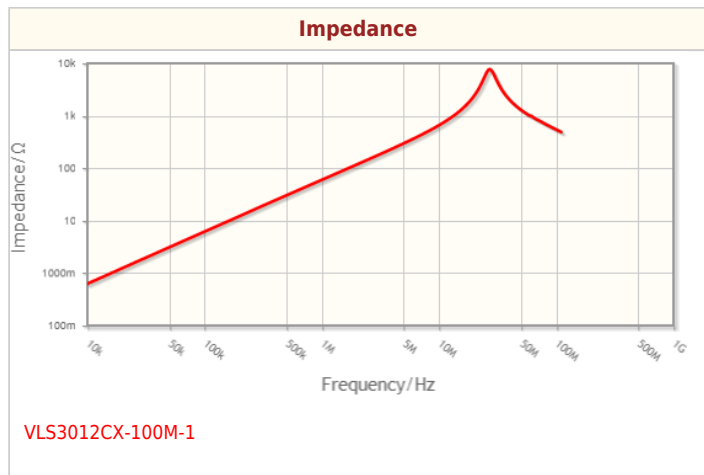


Size	
Length(L)	3.00mm ±0.20mm
Width(W)	3.00mm ±0.20mm
Thickness   Height	1.20mm Max.
Recommended Land Pattern (A)	1.00mm Nom.
Recommended Land Pattern (B)	1.00mm Nom.
Recommended Land Pattern (C)	3.00mm Nom.

Electrical Characteristics	
Inductance	10μH ±20% at 1MHz
Rated Current (L Change) [Typ.]	1.1A (30% Down)
Rated Current (L Change) [Max.]	1A (30% Down)
Rated Current (Temperature Rise) [Typ.]	1.25A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	1.12A (40°C Rise)
DC Resistance [Typ.]	270mΩ
DC Resistance [Max.]	324mΩ
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105°C
Soldering Method	Reflow
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs
Weight	0.046g

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



# Associated Images

