

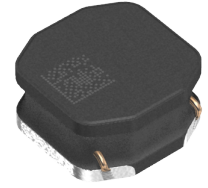
**Applications** Automotive Grade

**Feature**  
AEC-Q200 AEC-Q200  
Wire Wound Wire Wound  
Shield Magnetic Shield  
Ferrite Core Ferrite Core

**Series | Type** VLS-CX-H

**Status** Production

**Brand** TDK



**Size**

Length(L)	3.00mm ±0.20mm
Width(W)	3.00mm ±0.20mm
Thickness   Height	1.50mm Max.
Recommended Land Pattern (A)	1.00mm Nom.
Recommended Land Pattern (B)	1.00mm Nom.
Recommended Land Pattern (C)	3.00mm Nom.

**Electrical Characteristics**

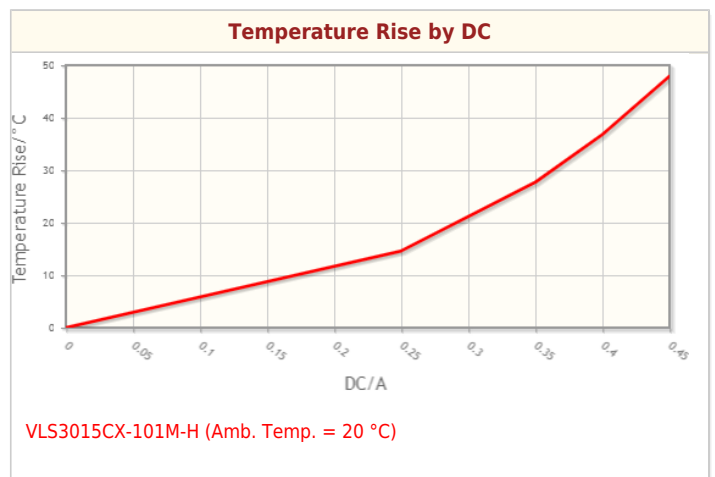
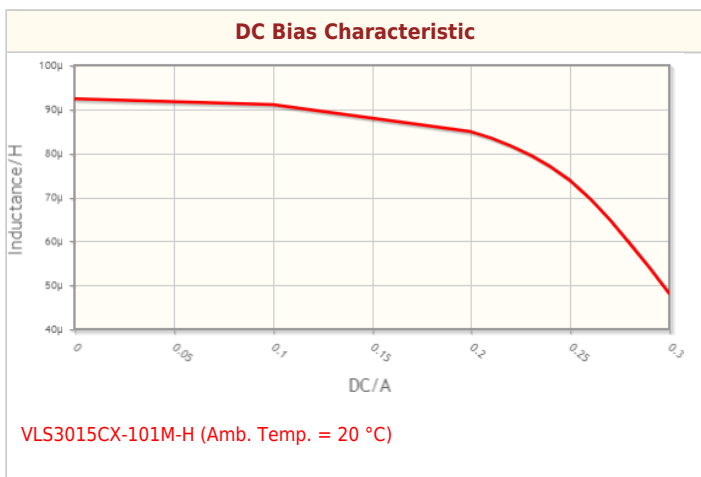
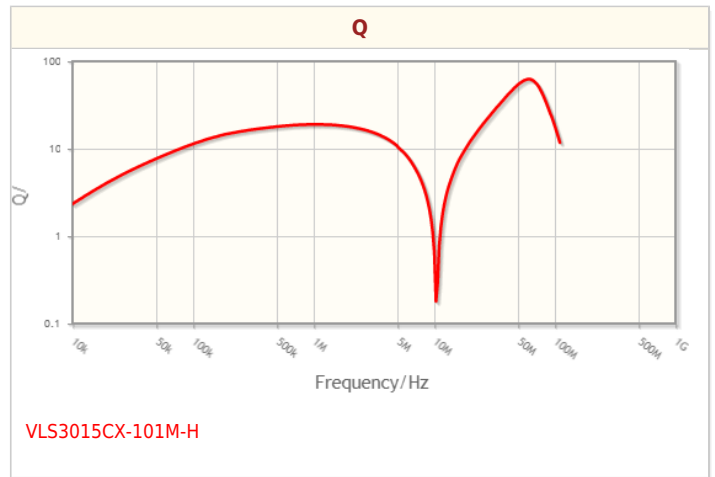
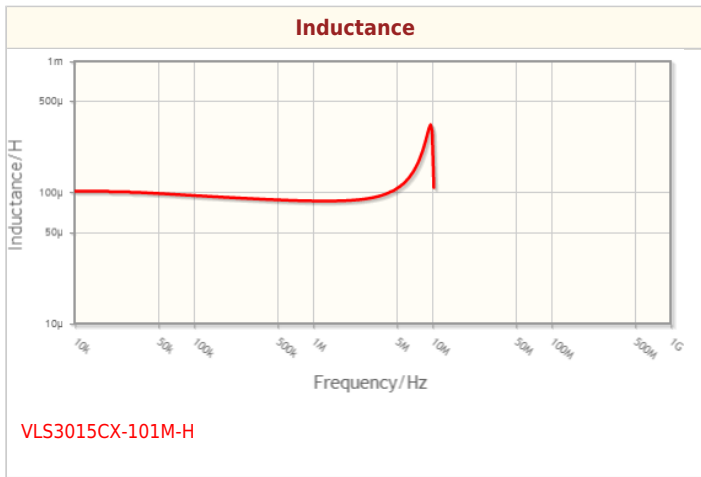
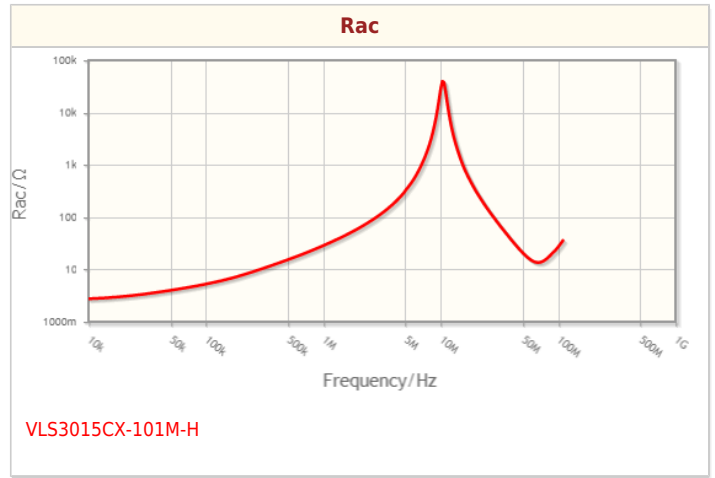
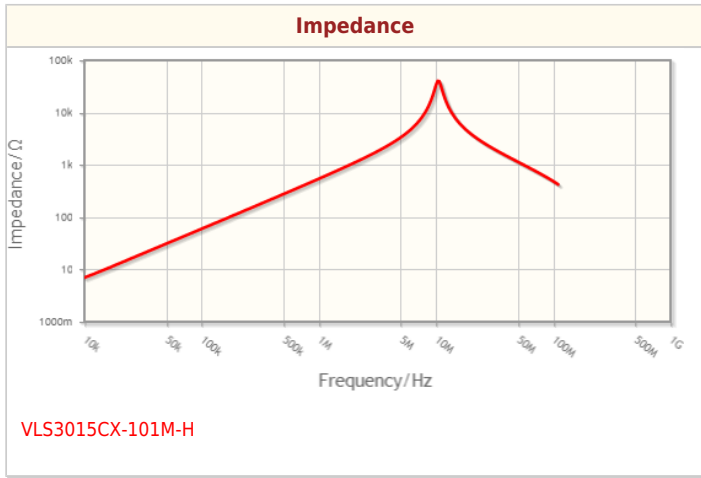
Inductance	100µH ±20% at 1MHz
Rated Current (L Change) [Typ.]	260mA (30% Down)
Rated Current (L Change) [Max.]	230mA (30% Down)
Rated Current (Temperature Rise) [Typ.]	330mA (40°C Rise)
Rated Current (Temperature Rise) [Max.]	300mA (40°C Rise)
DC Resistance [Typ.]	2.12Ω
DC Resistance [Max.]	2.544Ω
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

**Other**

Operating Temp. Range (Including Self-Temp. Rise)	-40 to 125°C
Soldering Method	Reflow
AEC-Q200	YES
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs
Weight	0.057g

! 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.

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



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## Associated Images

