

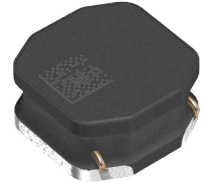
Applications Automotive Grade

Feature
 AEC-Q200
 Wire Wound
 Magnetic Shield
 Ferrite Core

Series | Type VLS-CX-H

Status Production

Brand TDK



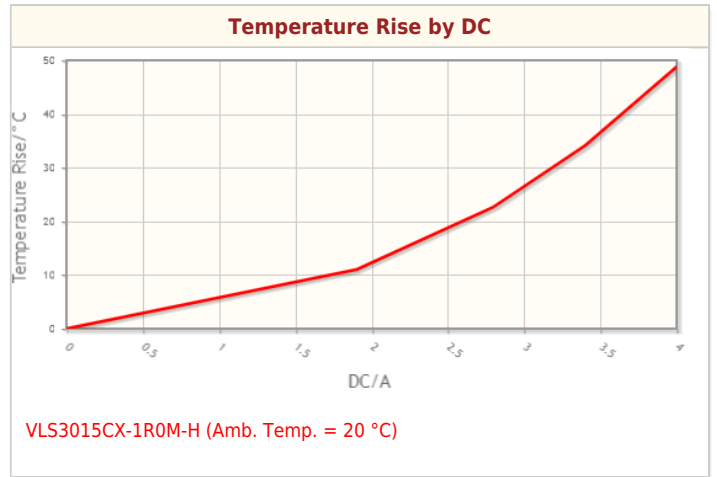
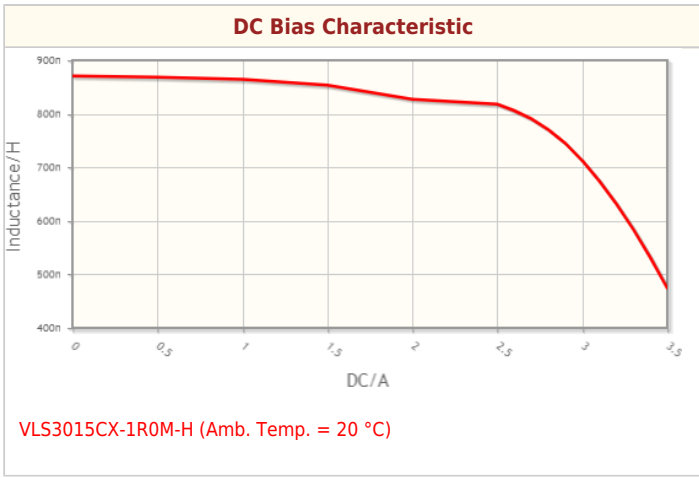
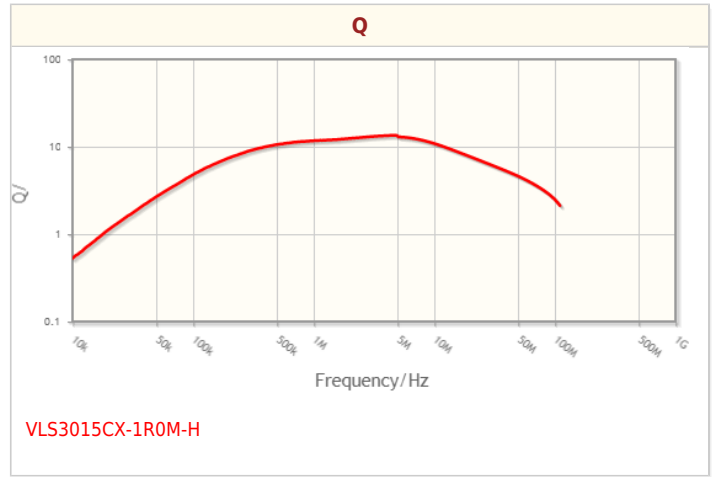
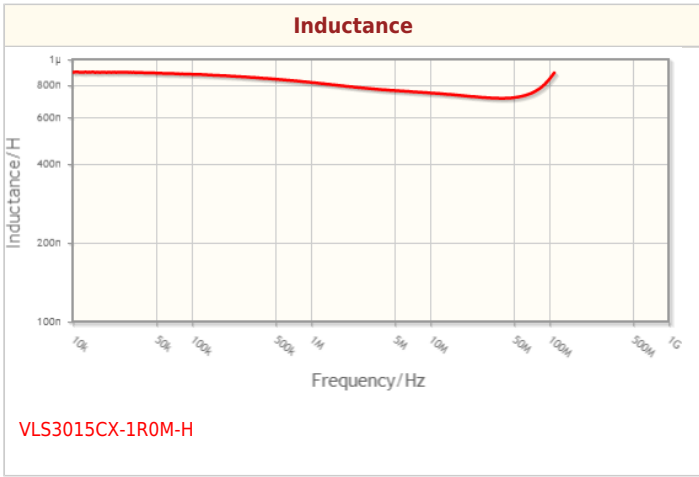
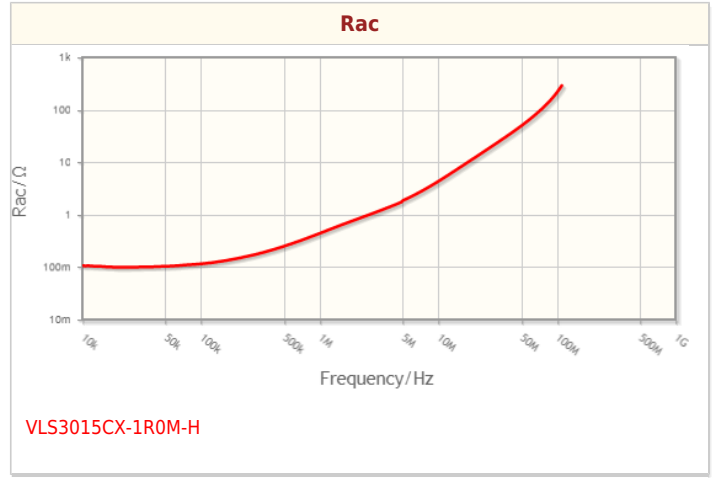
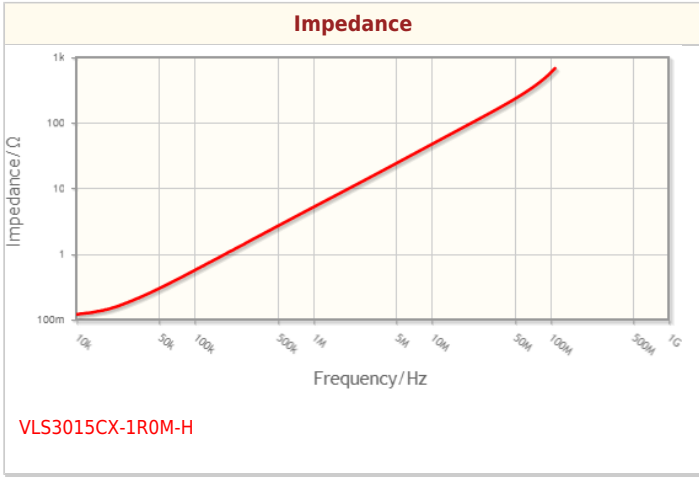
Size	
Length(L)	3.00mm ±0.20mm
Width(W)	3.00mm ±0.20mm
Thickness Height	1.50mm Max.
Recommended Land Pattern (A)	1.00mm Nom.
Recommended Land Pattern (B)	1.00mm Nom.
Recommended Land Pattern (C)	3.00mm Nom.

Electrical Characteristics	
Inductance	1μH ±20% at 1MHz
Rated Current (L Change) [Typ.]	2.87A (30% Down)
Rated Current (L Change) [Max.]	2.3A (30% Down)
Rated Current (Temperature Rise) [Typ.]	3.7A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	2.96A (40°C Rise)
DC Resistance [Typ.]	32mΩ
DC Resistance [Max.]	38mΩ
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.)



! 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.

Associated Images

