

Applications	Automotive Grade
Feature	<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 2px;">AEC-Q200</div> AEC-Q200 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 2px;">Wire Wound</div> Wire Wound <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 2px;">Shield</div> Magnetic Shield <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 2px;">Ferrite Core</div> Ferrite Core
Series Type	VLS-EX-H
Status	Production
Brand	TDK



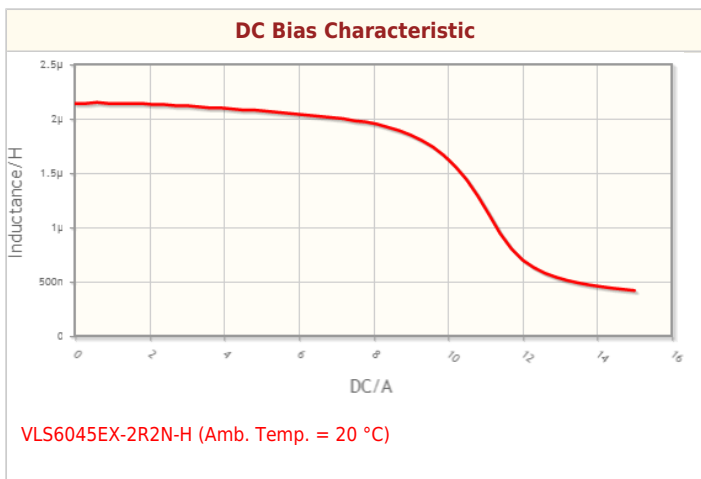
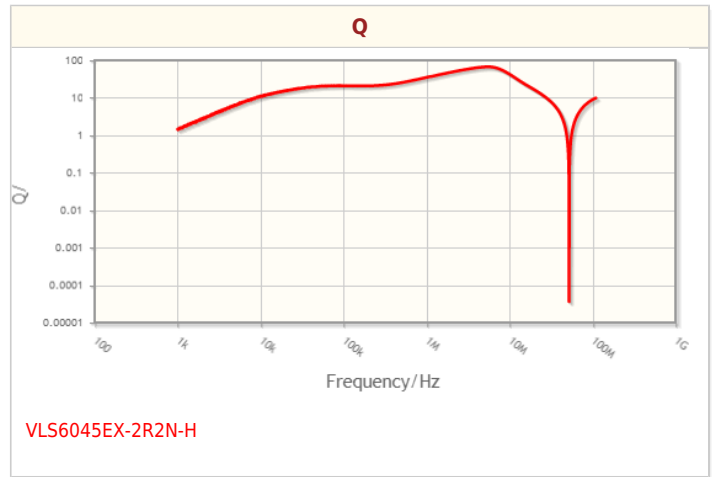
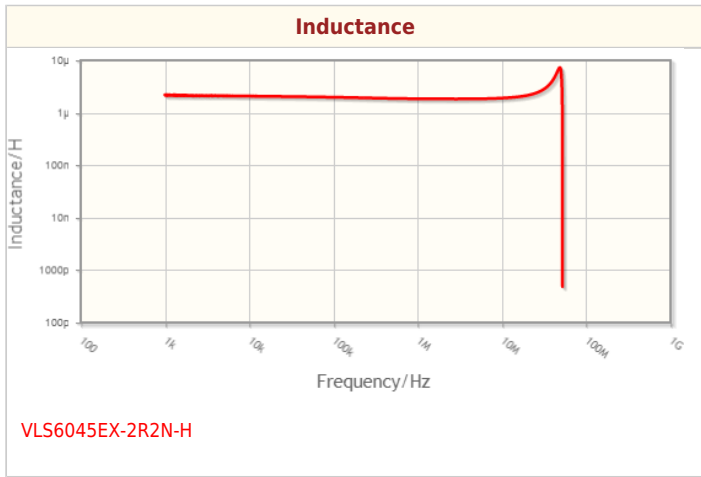
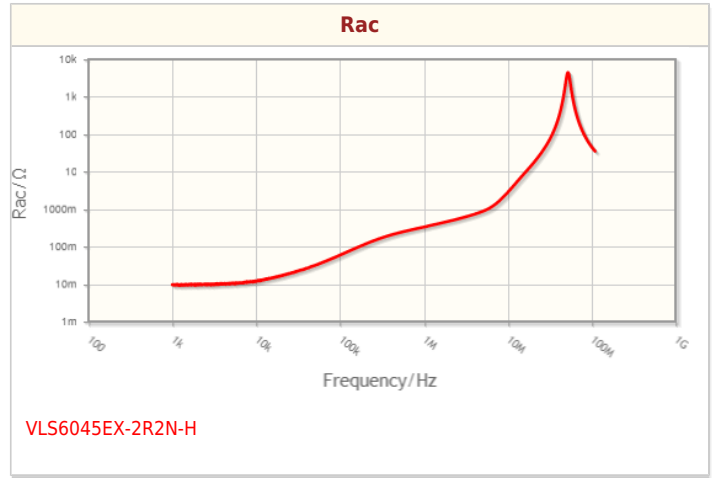
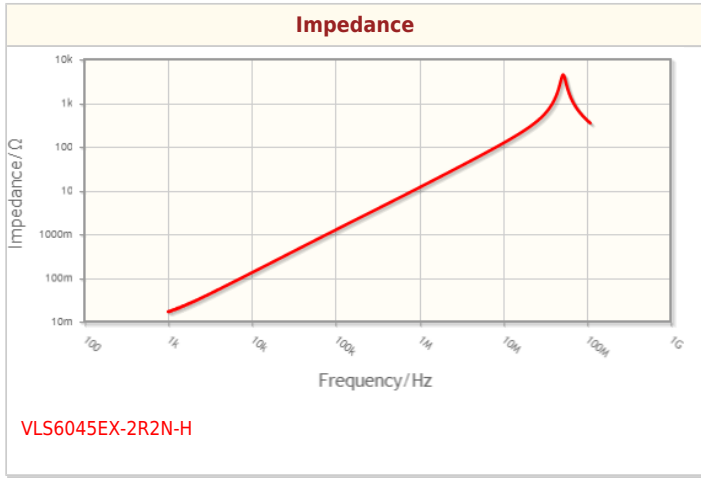
Size	
Length(L)	6.00mm ±0.30mm
Width(W)	6.30mm ±0.30mm
Thickness Height	4.50mm Max.
Recommended Land Pattern (A)	2.40mm Nom.
Recommended Land Pattern (B)	2.30mm Nom.
Recommended Land Pattern (C)	5.10mm Nom.

Electrical Characteristics	
Inductance	2.2µH ±30% at 100kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	7.5A (30% Down)
Rated Current (Temperature Rise) [Typ.]	5.1A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	19mΩ
DC Resistance [Max.]	25mΩ
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 [330mm Reel, Tape width 12mm]
Package Quantity	1500pcs
Weight	0.6g

! 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

