

Applications	Commercial Grade
Feature	Wire Wound Wire Wound Shield Magnetic Shield Ferrite Core Ferrite Core
Series Type	VLS-E
Status	Production (Not Recommended for New Design) Recommended Alternate Part No. : VLS201610CX-6R8M-1 (Interchangeability is not guaranteed.)
Brand	TDK



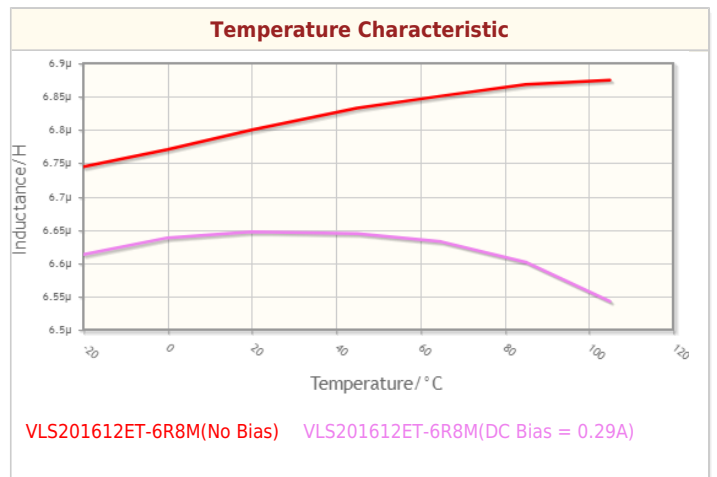
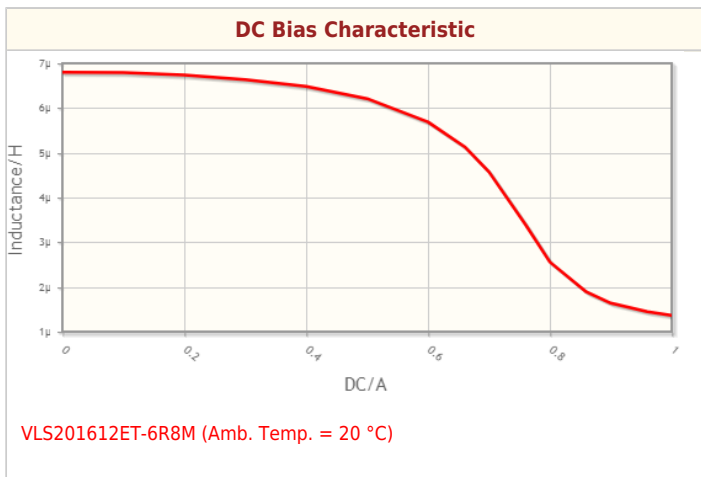
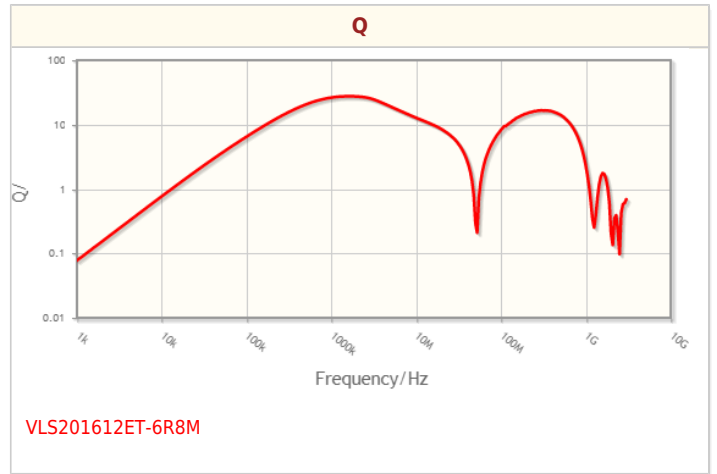
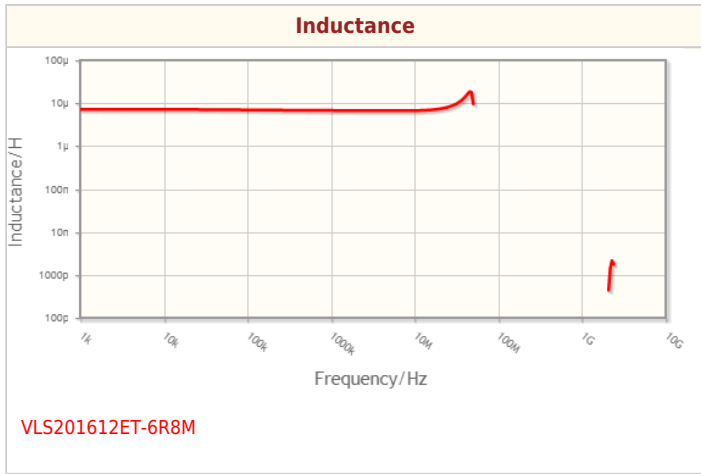
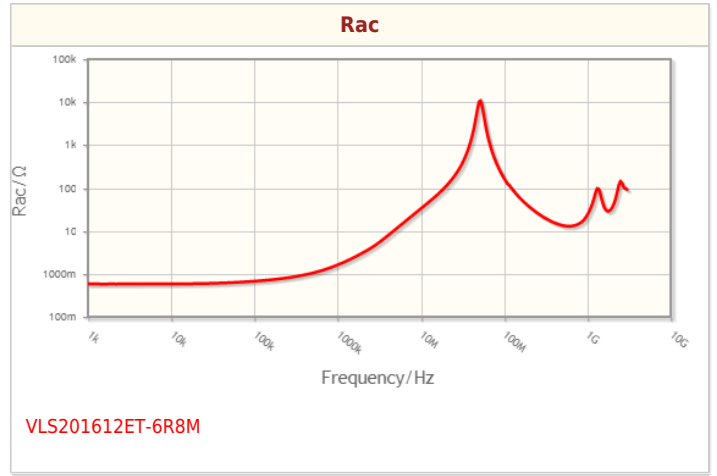
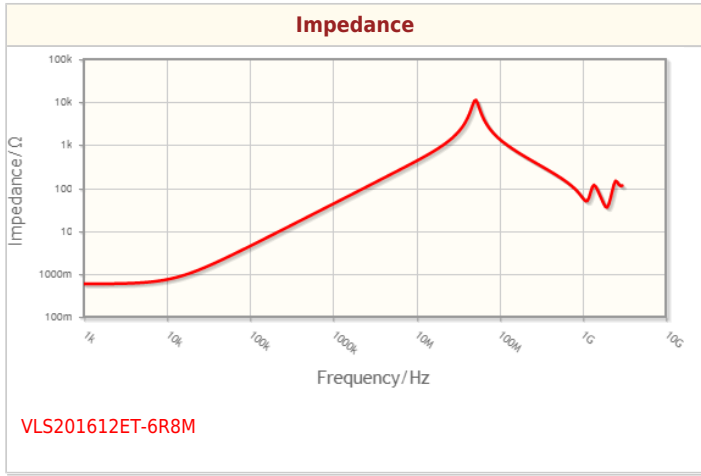
Size	
Length(L)	2.00mm ±0.10mm
Width(W)	1.60mm ±0.10mm
Thickness Height	1.20mm Max.
Recommended Land Pattern (A)	0.65mm Nom.
Recommended Land Pattern (B)	0.70mm Nom.
Recommended Land Pattern (C)	1.60mm Nom.

Electrical Characteristics	
Inductance	6.8µH ±20% at 1MHz
Rated Current (L Change) [Typ.]	650mA (30% Down)
Rated Current (L Change) [Max.]	580mA (30% Down)
Rated Current (Temperature Rise) [Typ.]	600mA (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	590mΩ
DC Resistance [Max.]	708mΩ
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	0.014g

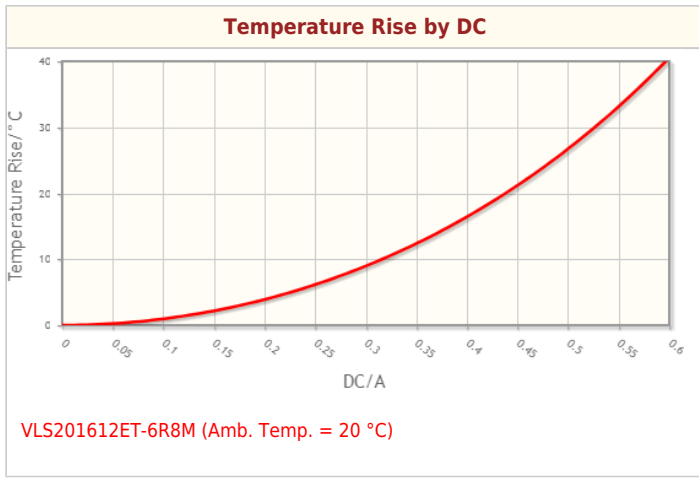
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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