

VLS252010ET-100M



Applications	Commercial Grade
Feature	<div style="border: 1px solid red; padding: 2px;">Wire Wound</div> Wire Wound <div style="border: 1px solid gray; padding: 2px;">Ferrite Core</div> Ferrite Core <div style="border: 1px solid green; padding: 2px;">Shield</div> Magnetic Shield
Series	VLS-E
Status	Production (Recommended Alternate Part is available.) Recommended Alternate Part No. : VLS252010CX-100M



Size	
Length(L)	2.50mm +/-0.10mm
Width(W)	2.00mm +/-0.10mm
Thickness(T)	1.00mm Max.
Recommended Land Pattern (A)	0.85mm Nom.
Recommended Land Pattern (B)	0.80mm Nom.
Recommended Land Pattern (C)	2.00mm Nom.

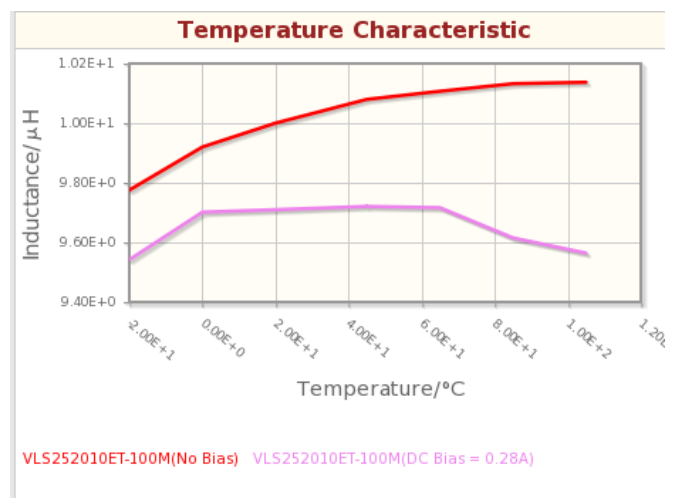
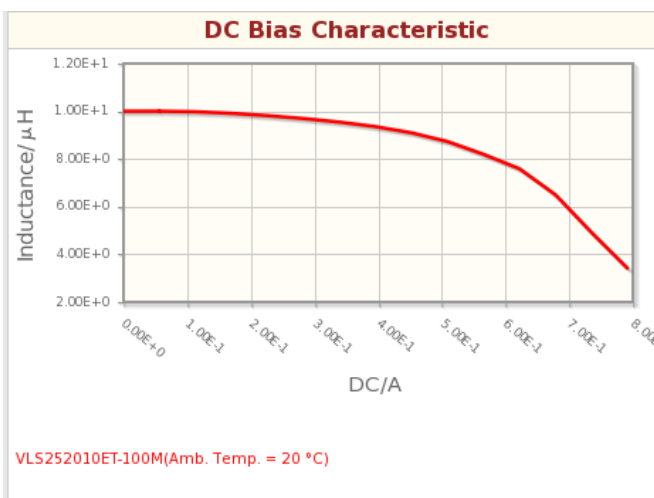
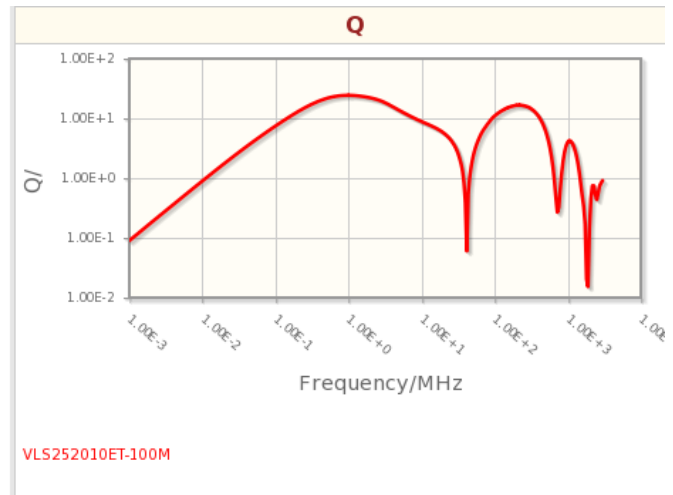
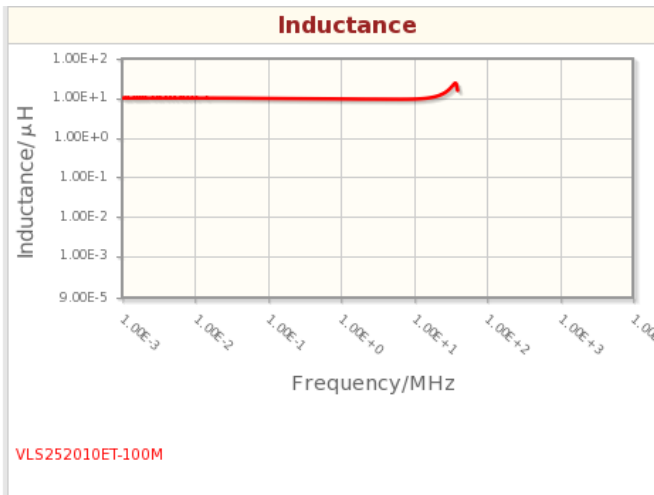
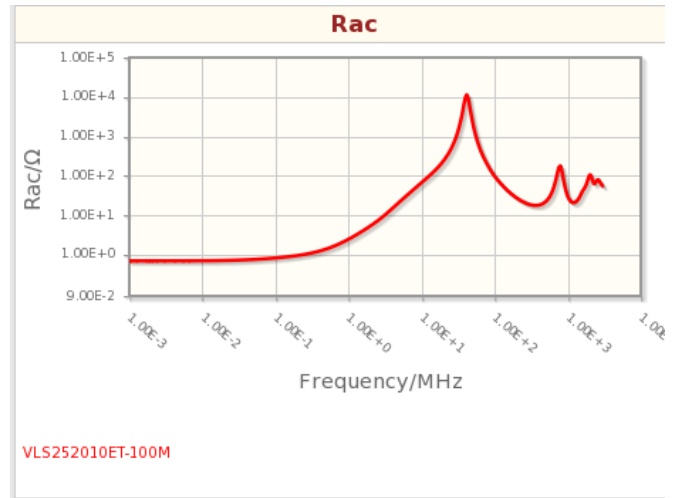
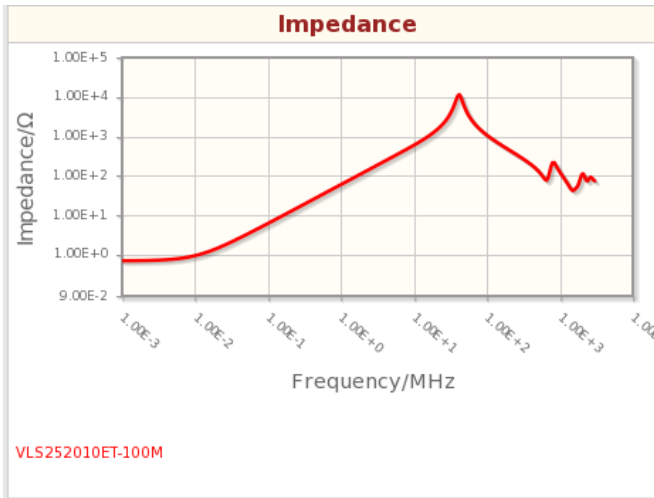
Electrical Characteristics	
Inductance	10μH +/-20% at 1MHz
Rated Current (L Change) [Typ.]	630mA (30% Down)
Rated Current (L Change) [Max.]	560mA (30% Down)
Rated Current (Temperature Rise) [Typ.]	550mA (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Nom.]	712mΩ
DC Resistance [Max.]	854mΩ
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	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs
Weight	0.017g

! 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.)

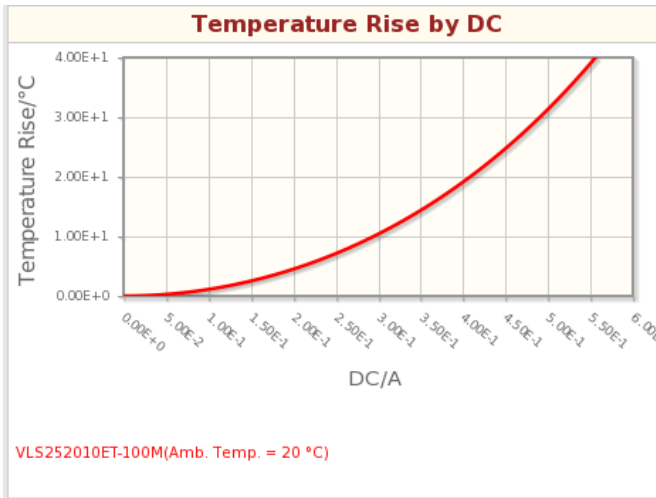


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Associated Images

