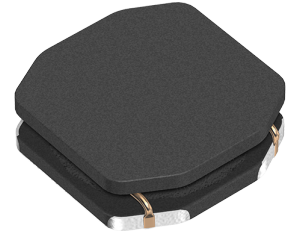


VLS4012ET-2R2M



Applications	Commercial Grade
Feature	<div style="border: 1px solid green; padding: 2px;">Shield</div> Magnetic Shield <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
Series Type	VLS-E
Status	Production (Not Recommended for New Design) Recommended Alternate Part No. : VLS4012CX-2R2M-1 (Interchangeability is not guaranteed.)
Brand	TDK



Size	
Length(L)	4.00mm ±0.10mm
Width(W)	4.00mm ±0.10mm
Thickness Height	1.20mm Max.
Recommended Land Pattern (A)	1.30mm Nom.
Recommended Land Pattern (B)	1.40mm Nom.
Recommended Land Pattern (C)	4.00mm Nom.

Electrical Characteristics	
Inductance	2.2µH ±20% at 1MHz
Rated Current (L Change) [Typ.]	1.9A (30% Down)
Rated Current (L Change) [Max.]	1.7A (30% Down)
Rated Current (Temperature Rise) [Typ.]	2.2A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	67mΩ
DC Resistance [Max.]	81mΩ
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	1000pcs

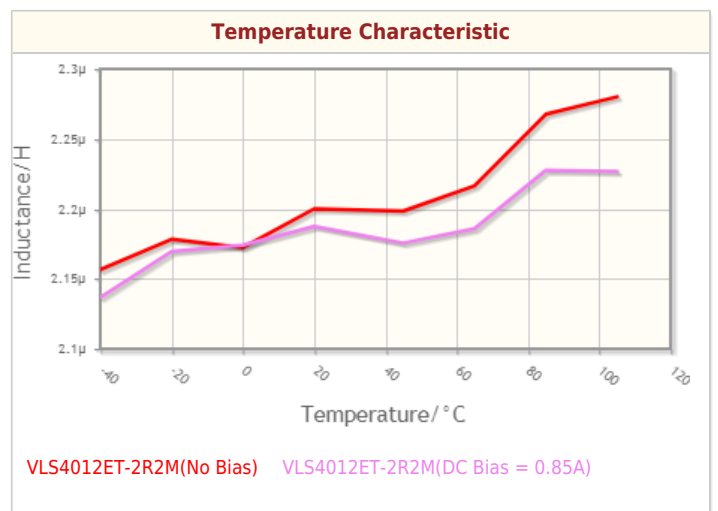
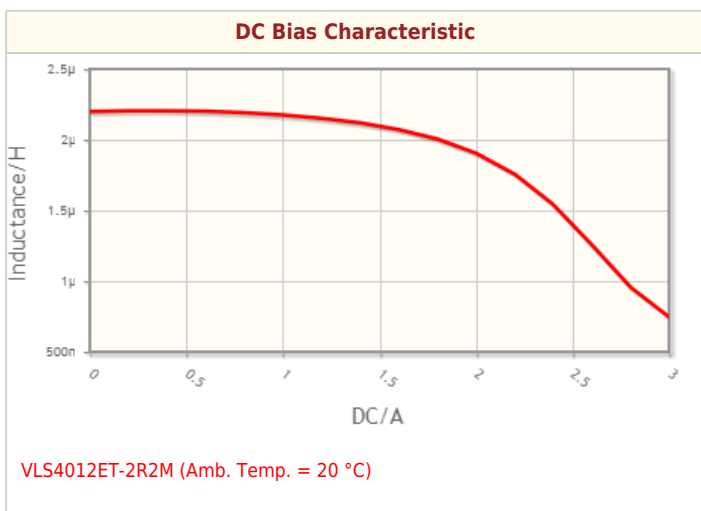
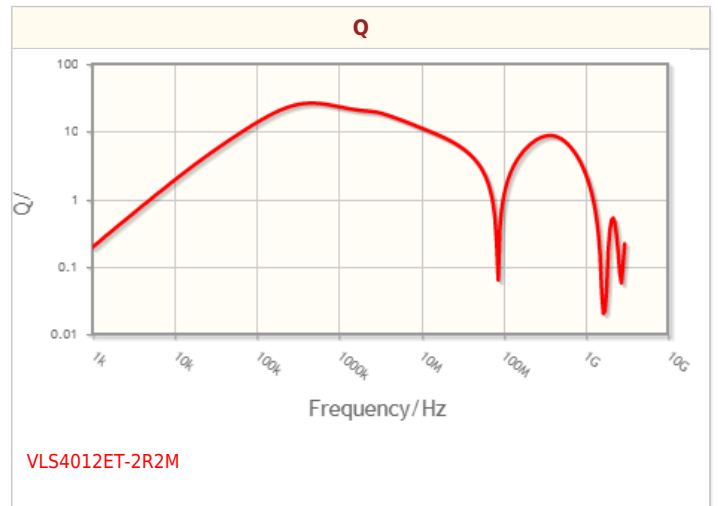
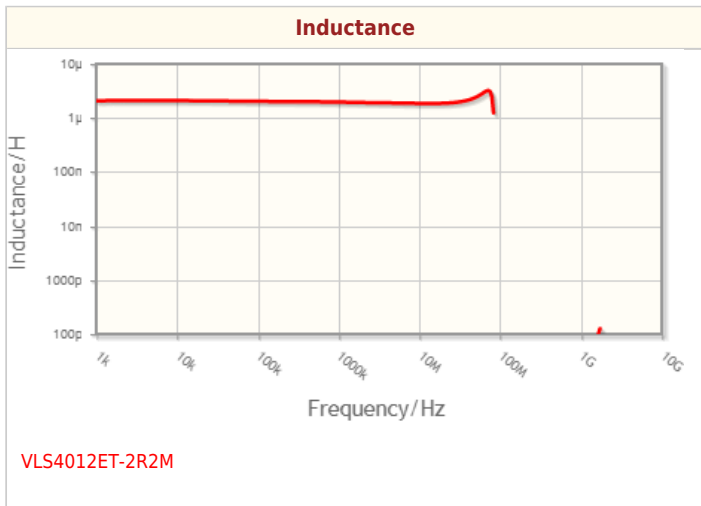
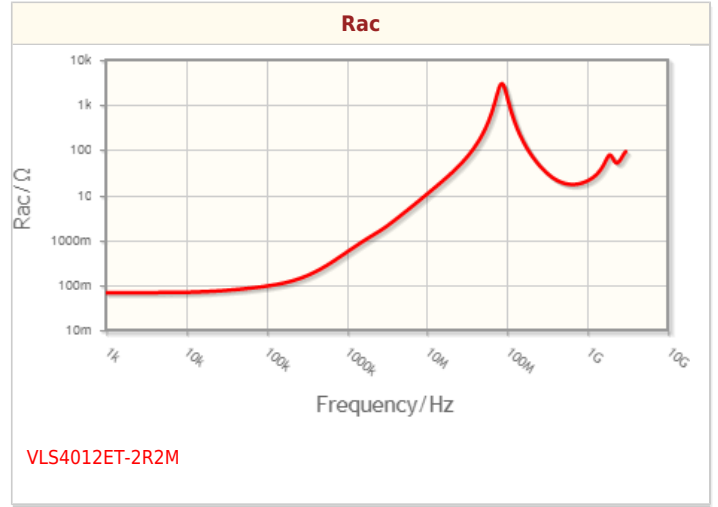
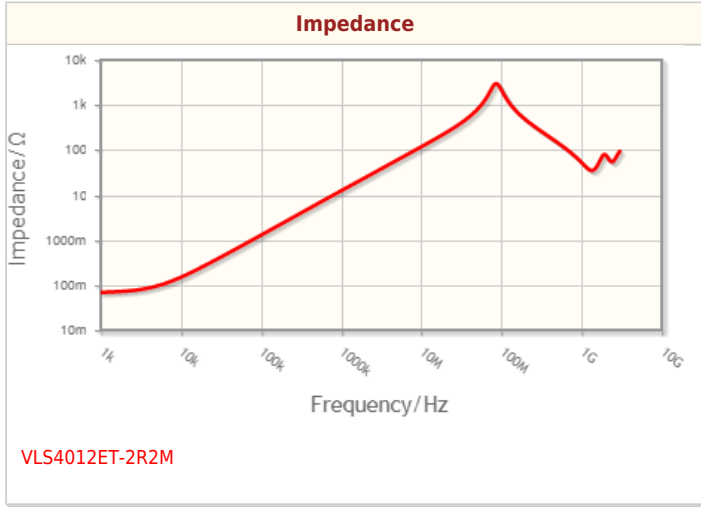
Weight are for reference only and show exemplary products. 0.067g

This PDF document was created based on the data listed on the TDK Corporation website.

All specifications are subject to change without notice.



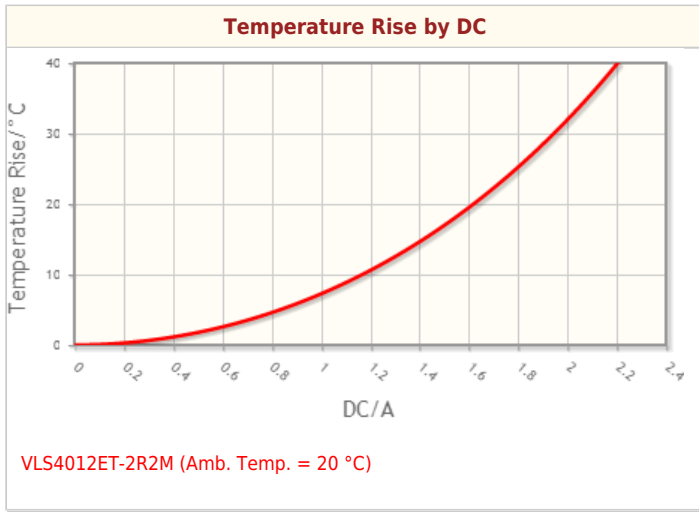
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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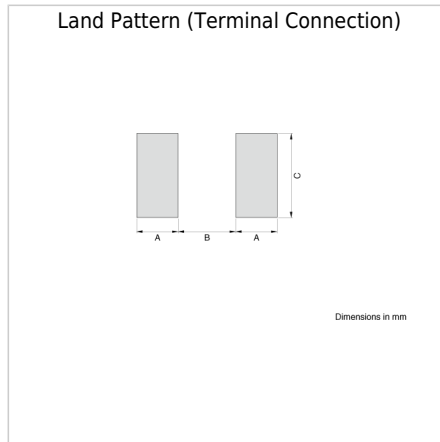
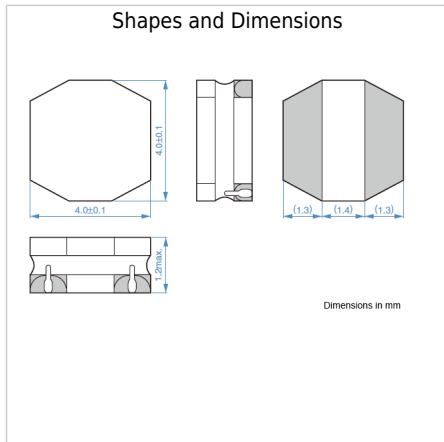
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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Associated Images



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