

VLS201610ET-R47N

**Applications**

Commercial Grade

Wire Wound

Magnetic Shield

Ferrite Core

Series | Type

VLS-E



Production (Not Recommended for New Design)

StatusRecommended Alternate Part No. : [VLS201610CX-R47M-1](#) (Interchangeability is not guaranteed.)**Brand**

TDK

**Size**

Length(L)	2.00mm ± 0.10 mm
Width(W)	1.60mm ± 0.10 mm
Thickness Height	0.95mm 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	470nH $\pm 30\%$ at 1MHz
Rated Current (L Change) [Typ.]	2.1A (30% Down)
Rated Current (L Change) [Max.]	1.85A (30% Down)
Rated Current (Temperature Rise) [Typ.]	1.95A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	54mΩ
DC Resistance [Max.]	65mΩ
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

Other

Operating Temp. Range	-40 to 105°C (Including Self-Temp. Rise)
Soldering Method	Reflow
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel]

! Images are for reference only and show exemplary products.

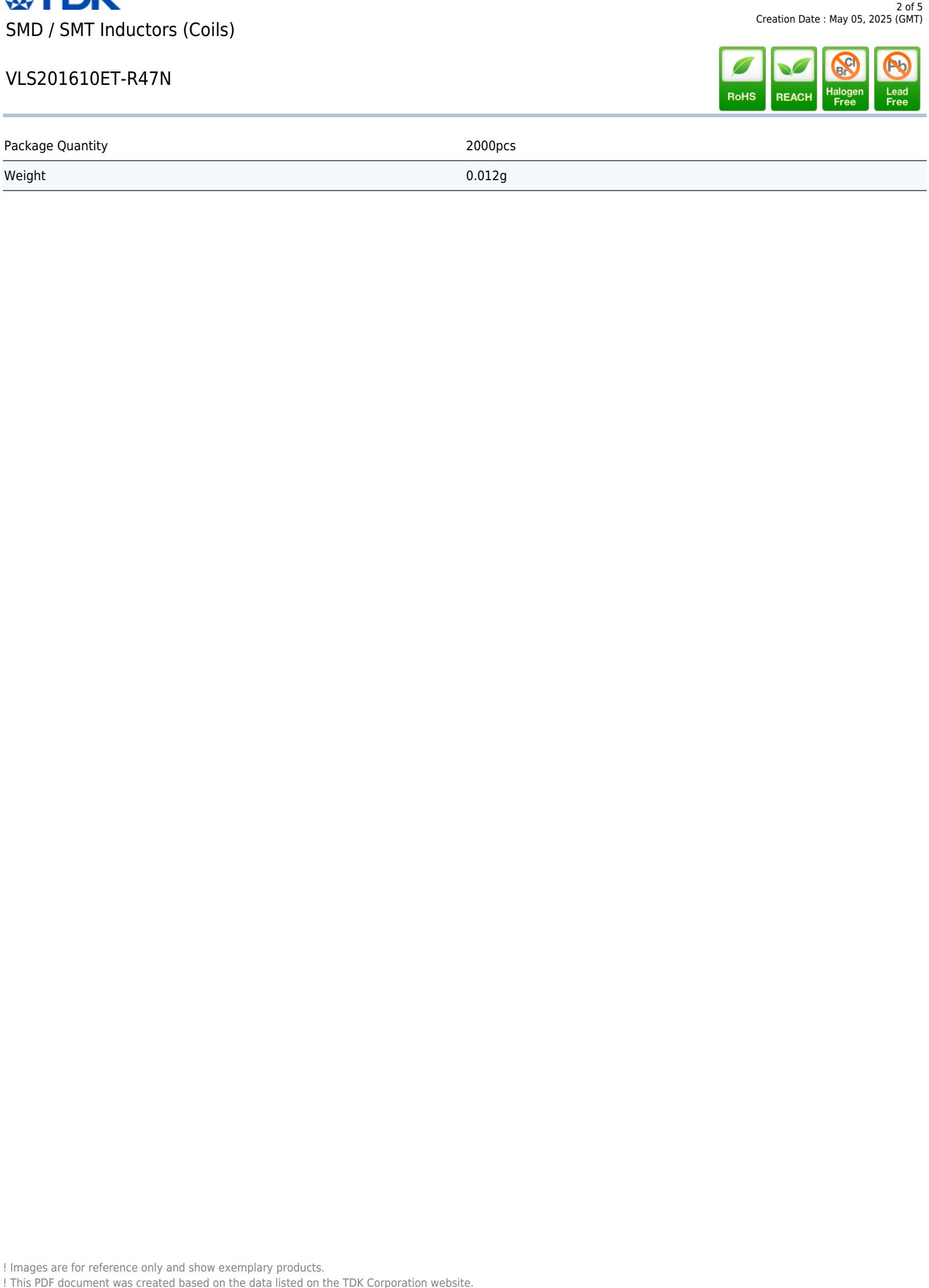
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Package Quantity	2000pcs
Weight	0.012g

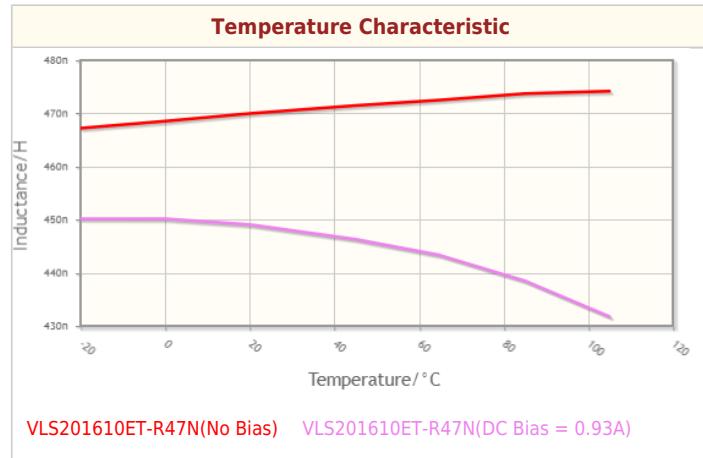
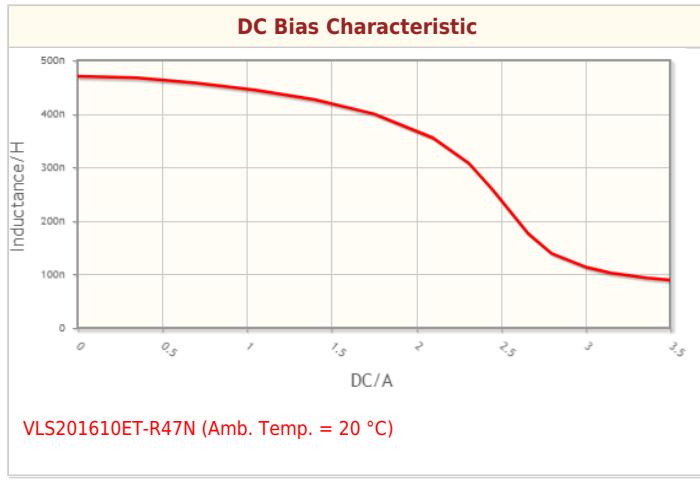
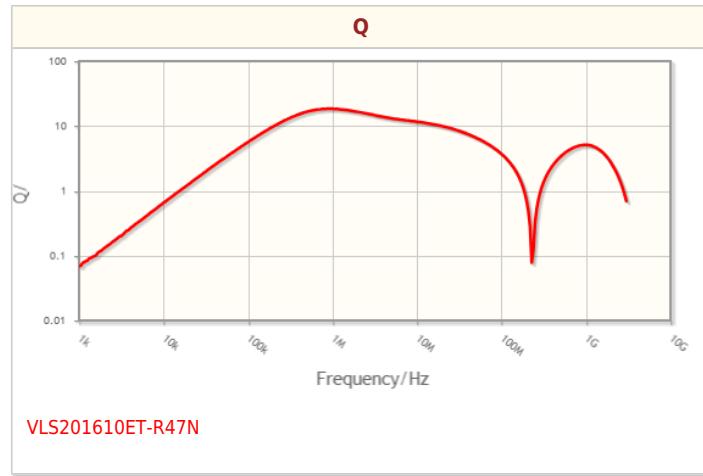
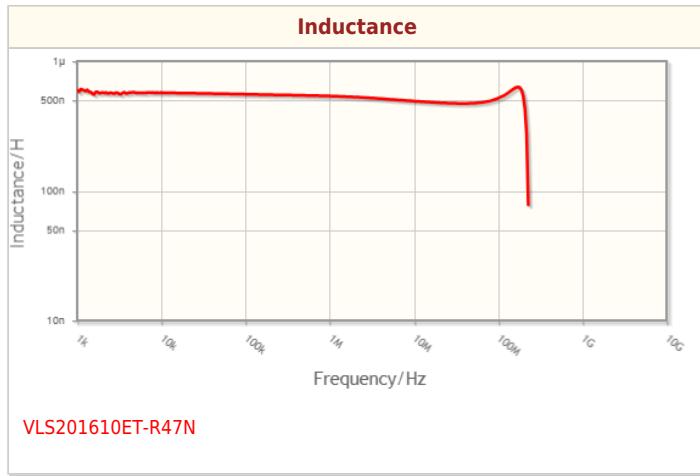
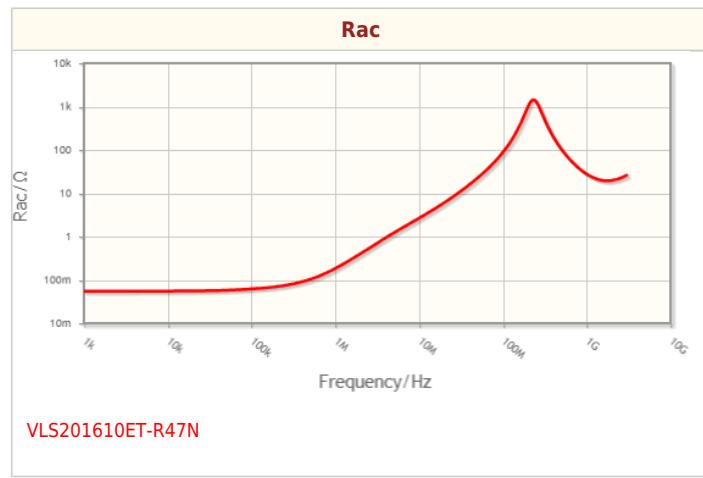
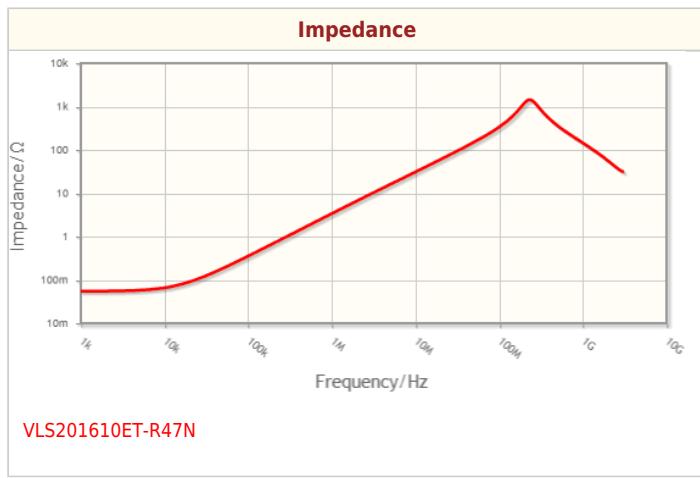


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Characteristic Graphs (This is reference data, and does not guarantee the products characteristics.)



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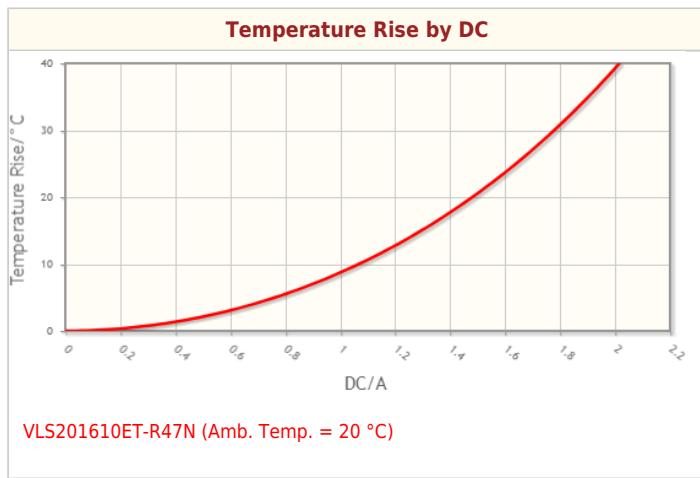
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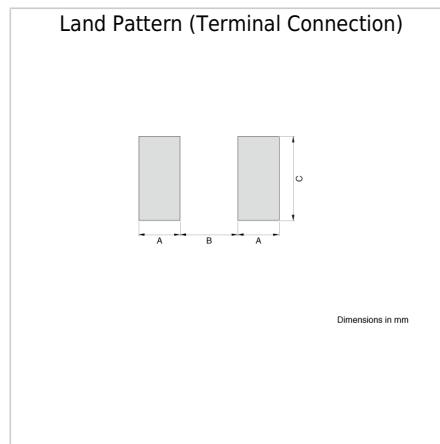
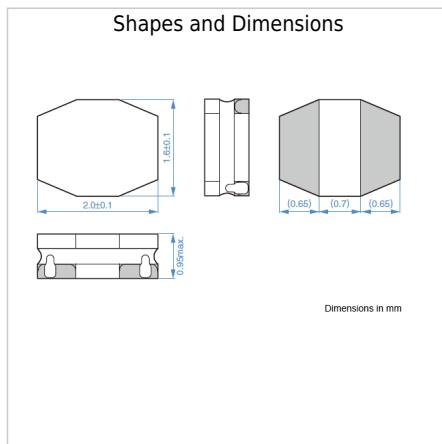


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Associated Images



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