

## VLS201612ET-R47N

## Production (NRND)

**Product Status** Recommended Alternate Part No. : [VLS201610CX-R47M-1](#) (Interchangeability is not guaranteed.)

**Applications** Commercial Grade

Wire Wound

**Feature** Shield

Ferrite Core

**Series | Type** VLS-E



Production (Not Recommended for New Design)

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

**Brand** TDK

**Environmental**



RoHS



REACH



Halogen Free



Lead Free



## Size

Length(L)	2.00mm $\pm 0.10\text{mm}$
Width(W)	1.60mm $\pm 0.10\text{mm}$
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	470nH $\pm 30\%$ at 1MHz
Rated Current (L Change) [Typ.]	2.15A (30% Down)
Rated Current (L Change) [Max.]	1.9A (30% Down)
Rated Current (Temperature Rise) [Typ.]	2A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	52m $\Omega$
DC Resistance [Max.]	63m $\Omega$
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)

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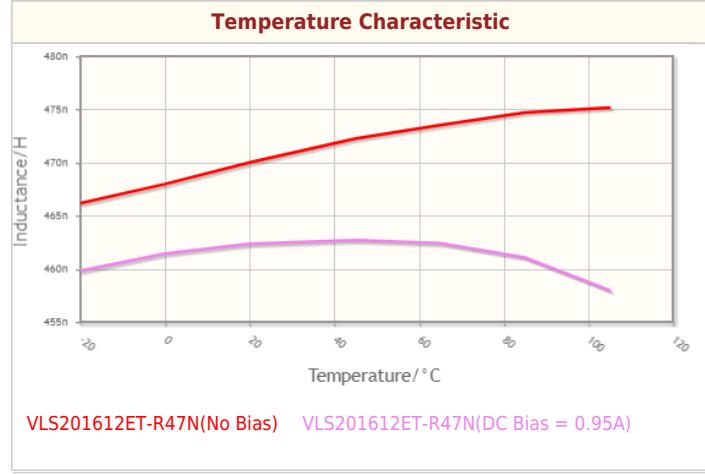
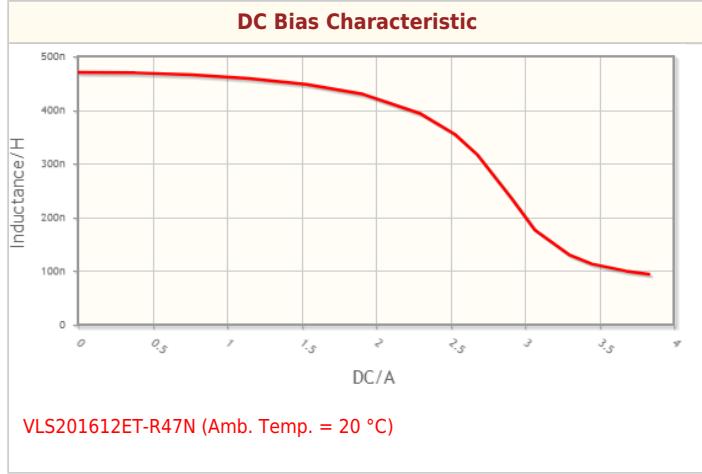
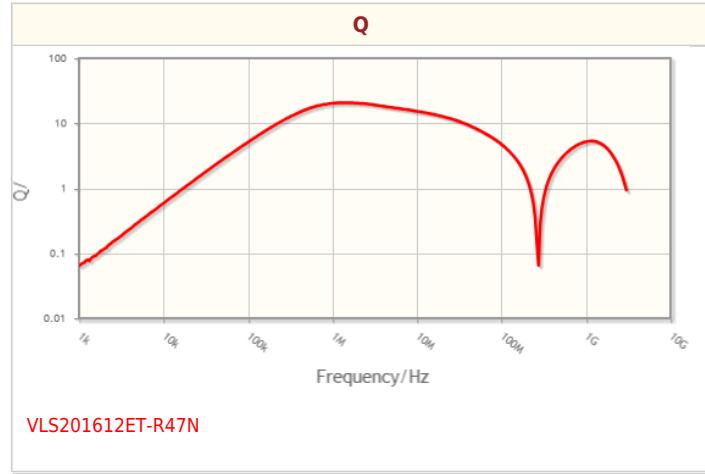
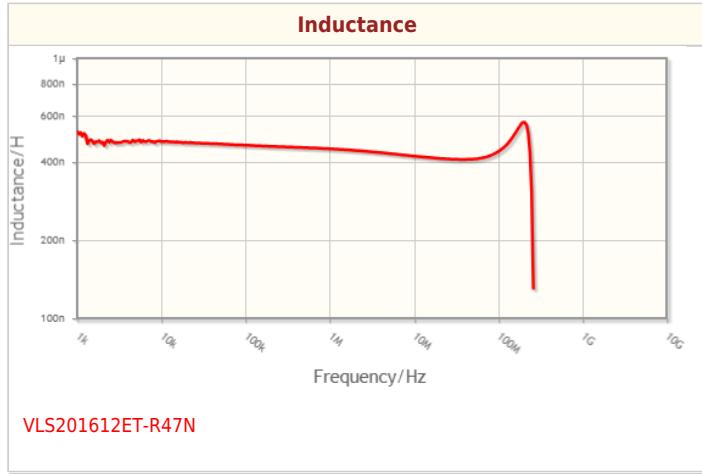
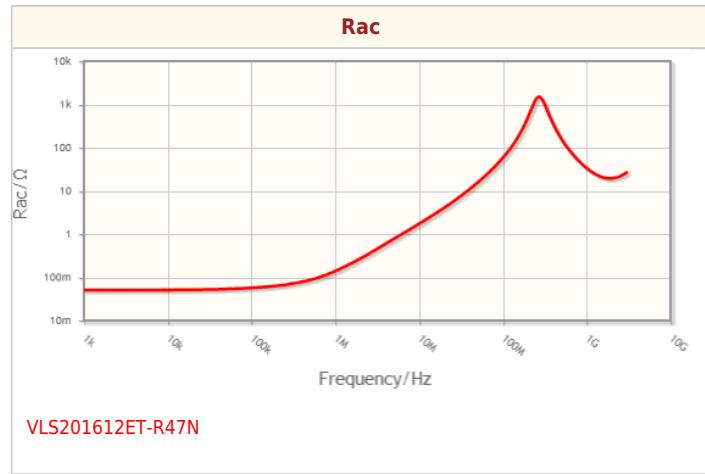
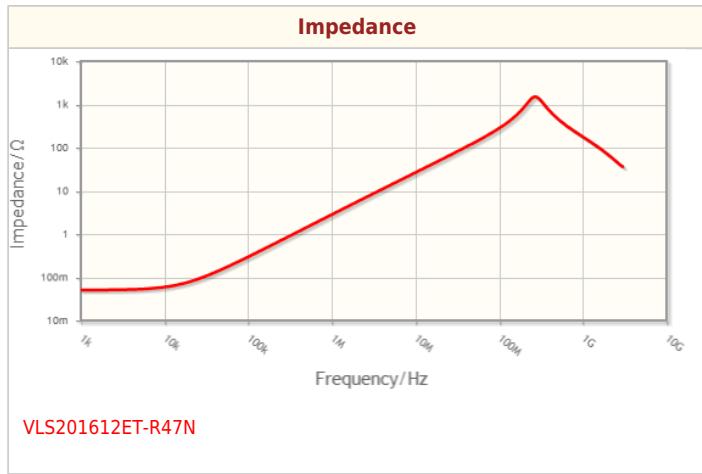
## VLS201612ET-R47N

Soldering Method	Reflow
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs
Weight	0.014g
FIT (Failure In Time)	 This will be displayed when you <a href="#">login</a> to myTDK

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



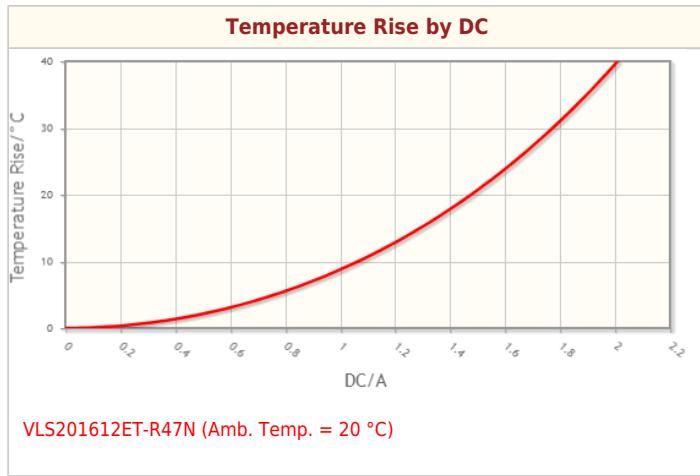
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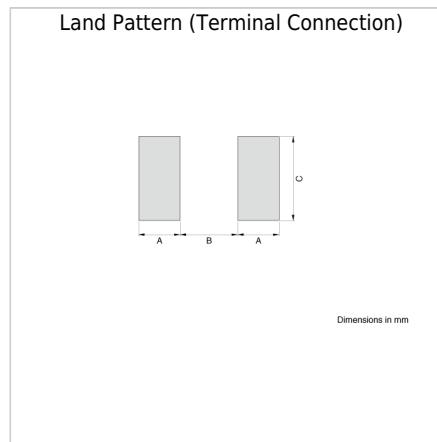
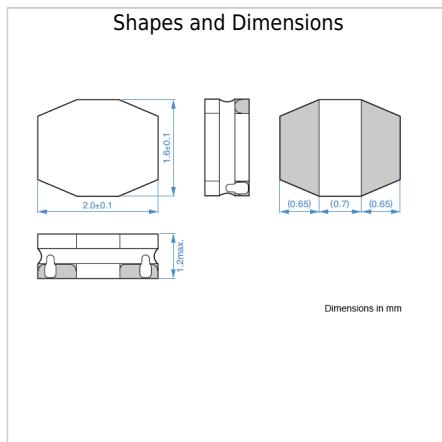
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## Associated Images



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