

## VLS252012ET-4R7M

## Production (NRND)

**Product Status** Recommended Alternate Part No. : [VLS252010CX-4R7M-1](#) (Interchangeability is not guaranteed.)

**Applications** Commercial Grade

Wire Wound

Feature Shield

Magnetic Shield

Ferrite Core

Series | Type

VLS-E



Production (Not Recommended for New Design)

**Status** Recommended Alternate Part No. : [VLS252010CX-4R7M-1](#) (Interchangeability is not guaranteed.)

**Brand**

TDK

**Environmental**



RoHS



REACH



Halogen Free



Lead Free



## Size

Length(L)	2.50mm $\pm 0.10\text{mm}$
Width(W)	2.00mm $\pm 0.10\text{mm}$
Thickness   Height	1.20mm 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	4.7 $\mu\text{H}$ $\pm 20\%$ at 1MHz
Rated Current (L Change) [Typ.]	1.2A (30% Down)
Rated Current (L Change) [Max.]	1.05A (30% Down)
Rated Current (Temperature Rise) [Typ.]	810mA (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	338m $\Omega$
DC Resistance [Max.]	405m $\Omega$
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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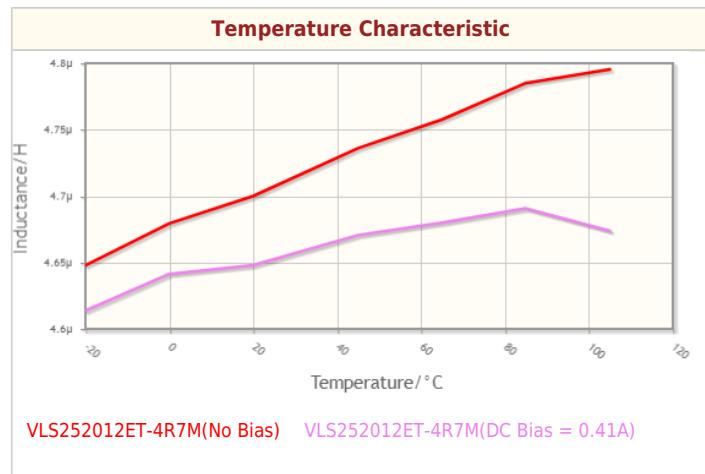
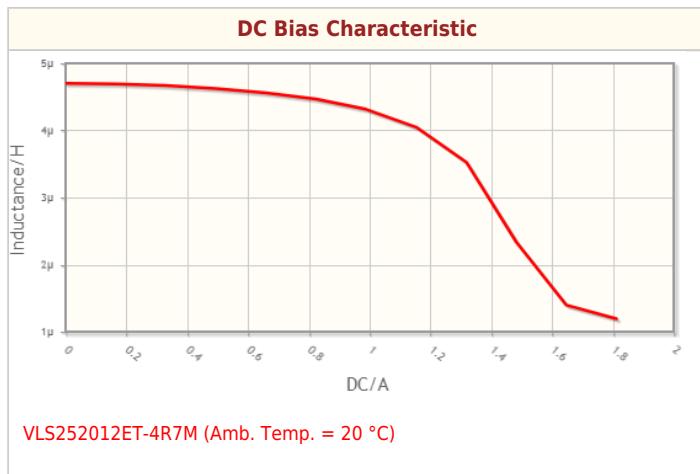
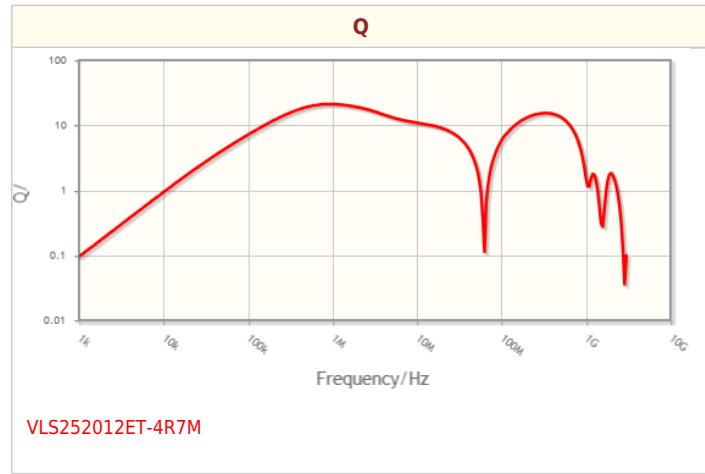
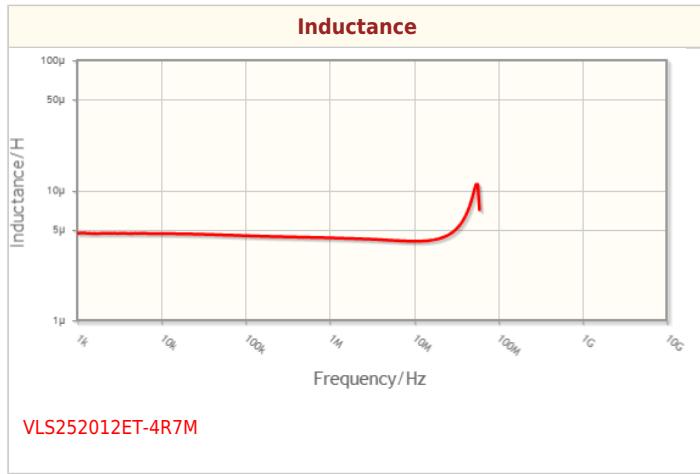
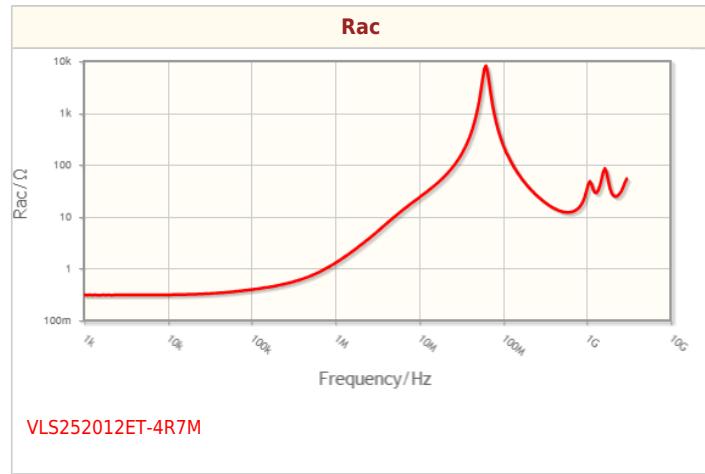
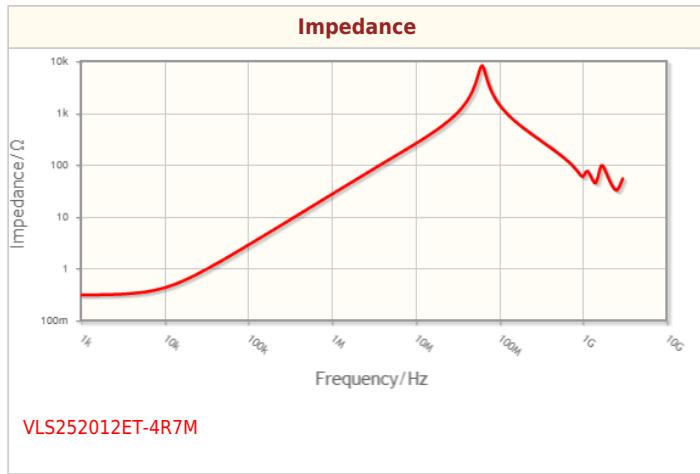
## VLS252012ET-4R7M

Soldering Method	Reflow
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs
Weight	0.024g
FIT (Failure In Time)	 This will be displayed when you <a href="#">login</a> to myTDK

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## VLS252012ET-4R7M

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



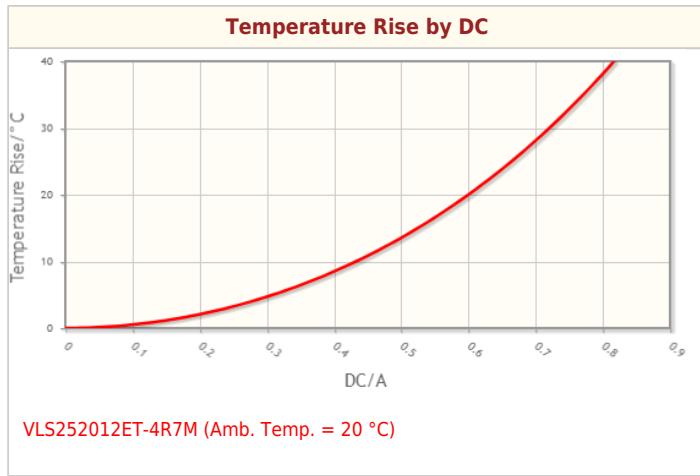
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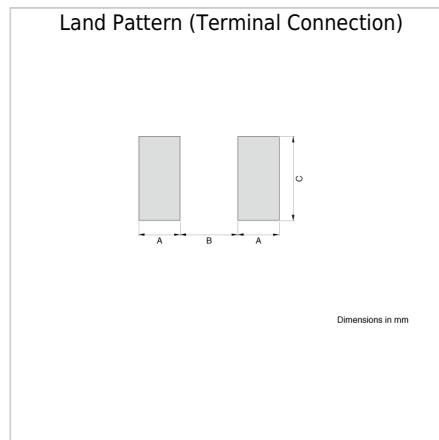
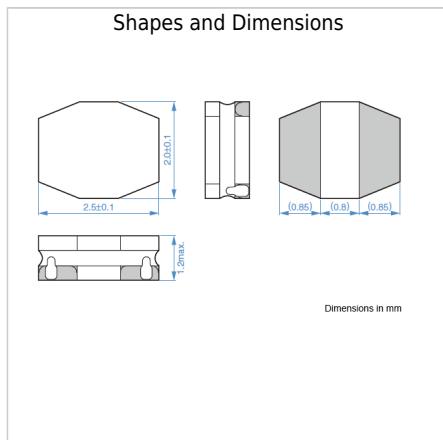
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## Associated Images



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