

VLS252010HBX-1R0M

Obsolete

Recommended Alternate Part No. : [VLS252010HBX-1R0M-1](#) (Interchangeability is not guaranteed.)

Product Status

Discontinue Issue Date : Dec.3, 2019

Last Purchase Order Date : Sep.30, 2021

Last Shipment Date : Mar.31, 2022

Applications

Commercial Grade

Wire Wound



Wire Wound

Shield

Magnetic Shield

Metal Core

Metal Core

Series | Type

VLS-HBX

Brand

TDK

Environmental



RoHS



REACH



Halogen Free



Lead Free

Compliance

Size	
Length(L)	2.50mm ±0.20mm
Width(W)	2.00mm ±0.20mm
Thickness Height	1.00mm Max.
Recommended Land Pattern (A)	0.60mm Nom.
Recommended Land Pattern (B)	1.30mm Nom.
Recommended Land Pattern (C)	2.00mm Nom.

Electrical Characteristics

Inductance	1µH ±20% at 1MHz
Rated Current (L Change) [Typ.]	3.57A (30% Down)
Rated Current (L Change) [Max.]	3.22A (30% Down)
Rated Current (Temperature Rise) [Typ.]	3A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	2.55A (40°C Rise)
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)
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! Images are for reference only and show exemplary products.

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! All specifications are subject to change without notice.

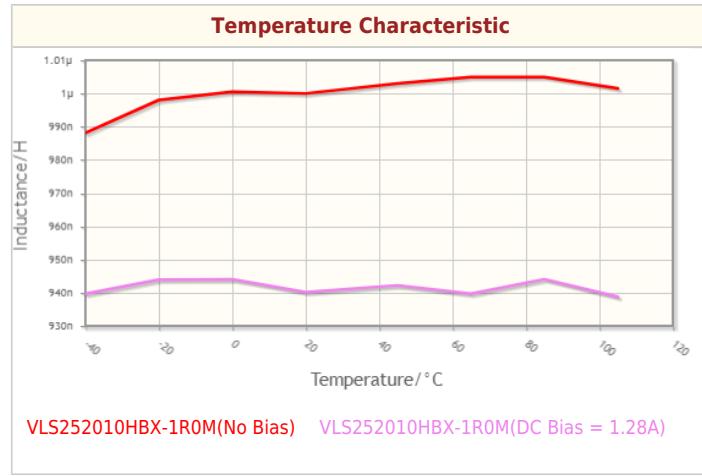
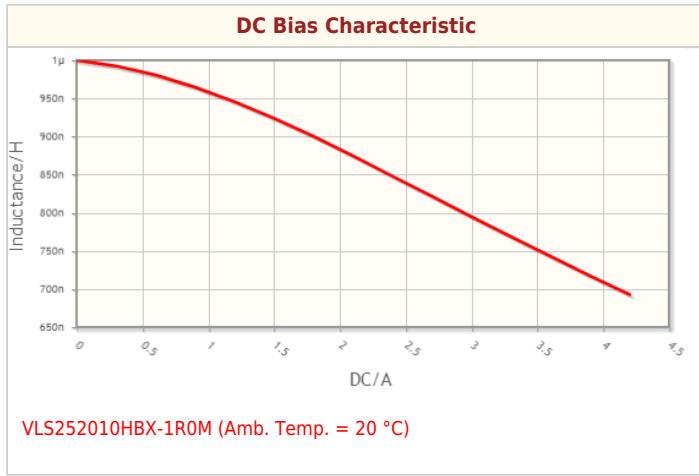
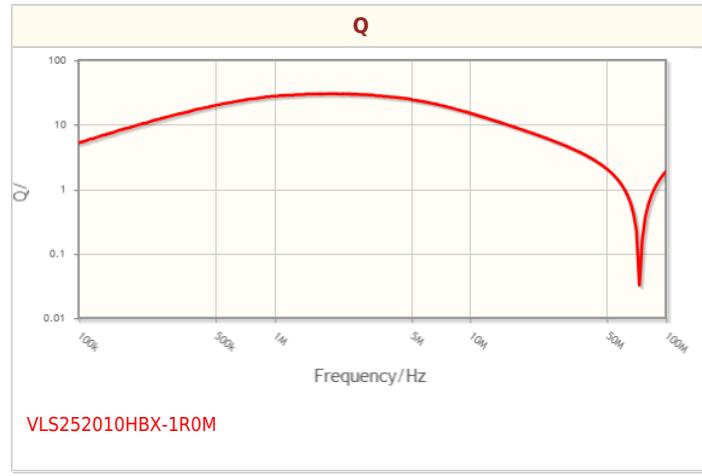
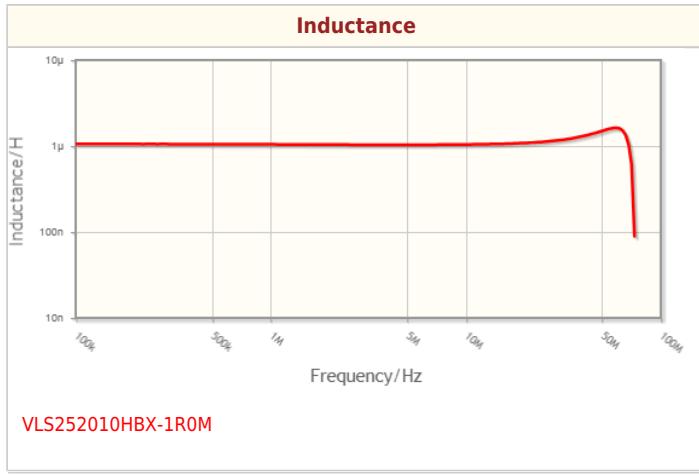
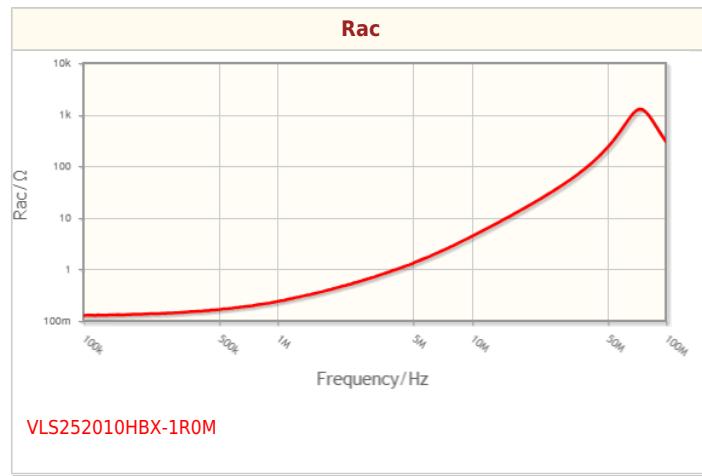
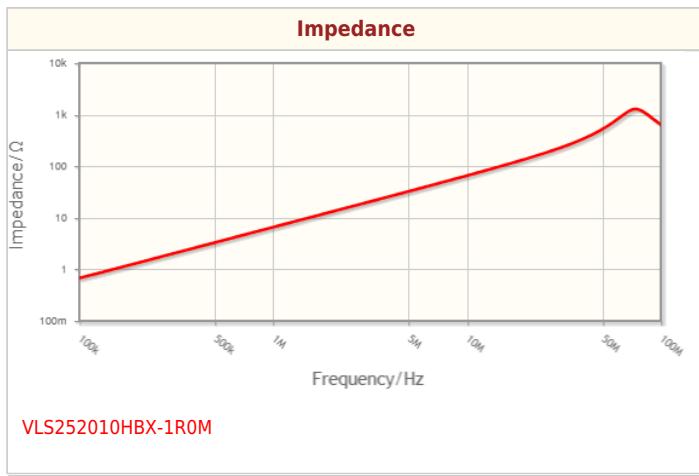
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Soldering Method	Reflow
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel, Tape width 8mm]
Package Quantity	2000pcs
Weight	0.026g

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

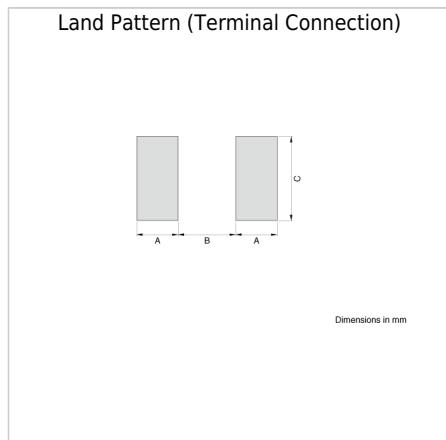


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Associated Images



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