

VLS3015ET-470M

Production (NRND)

Product Status Recommended Alternate Part No. : [VLS3015CX-470M-1](#) (Interchangeability is not guaranteed.)

Applications Commercial Grade

Wire Wound Wire Wound

Feature Shield Magnetic Shield
Ferrite Core Ferrite Core

Series | Type VLS-E

Brand TDK

Environmental Compliance  RoHS  REACH  Halogen Free  Lead Free



Size

Length(L)	3.00mm ± 0.10 mm
Width(W)	3.00mm ± 0.10 mm
Thickness Height	1.50mm Max.
Recommended Land Pattern (A)	1.00mm Nom.
Recommended Land Pattern (B)	1.00mm Nom.
Recommended Land Pattern (C)	3.00mm Nom.

Electrical Characteristics

Inductance	47 μ H $\pm 20\%$ at 1MHz
Rated Current (L Change) [Typ.]	350mA (30% Down)
Rated Current (L Change) [Max.]	320mA (30% Down)
Rated Current (Temperature Rise) [Typ.]	410mA (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	1.25 Ω
DC Resistance [Max.]	1.5 Ω
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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! All specifications are subject to change without notice.

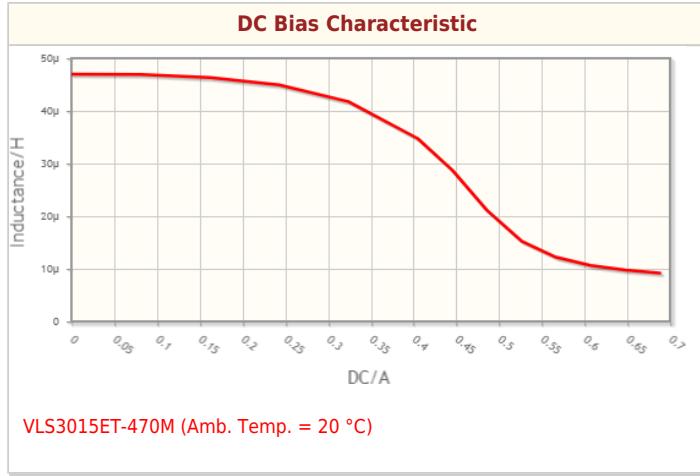
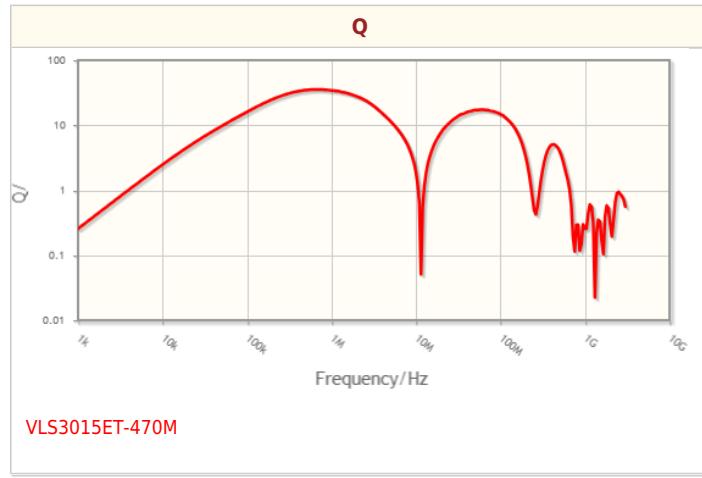
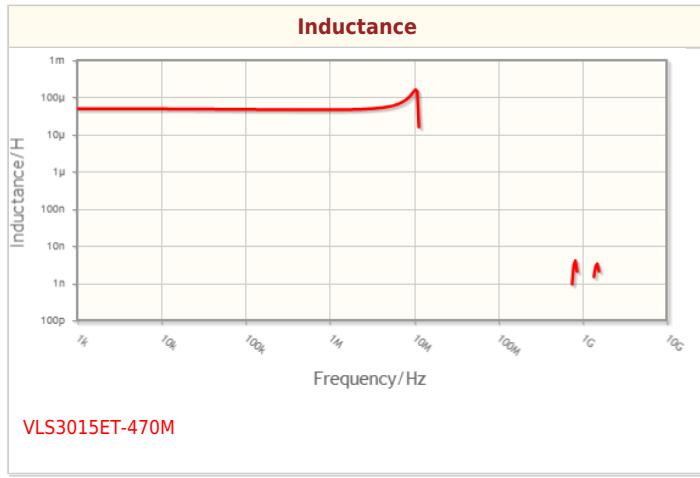
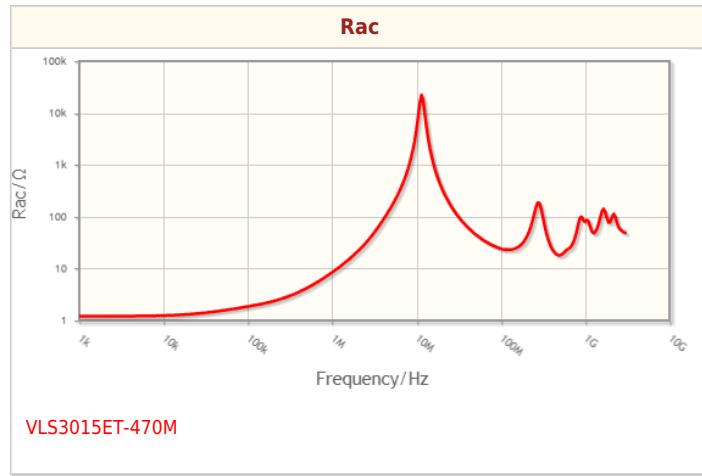
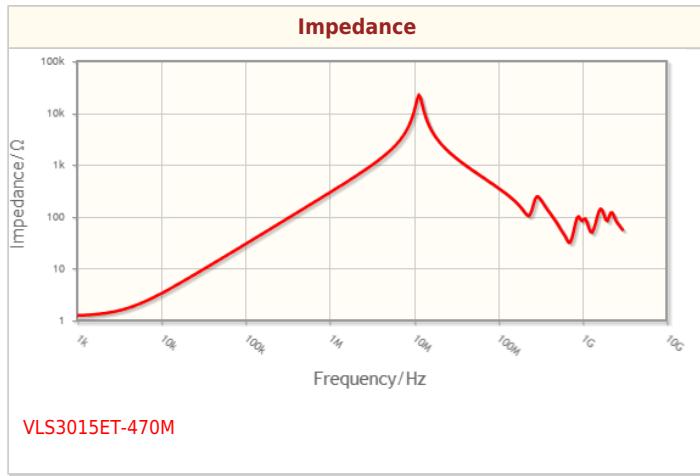
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Package Quantity	2000pcs
Weight	0.052g

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



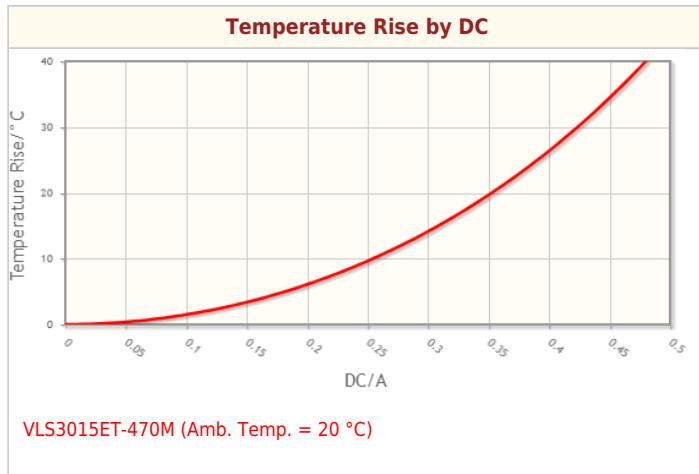
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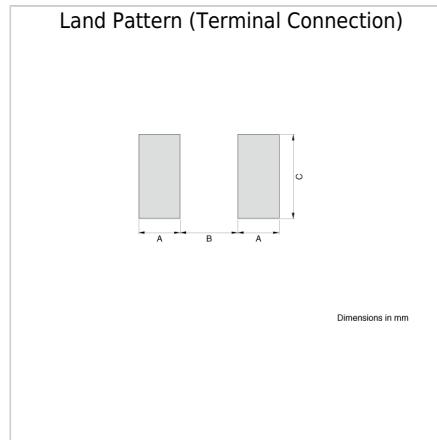
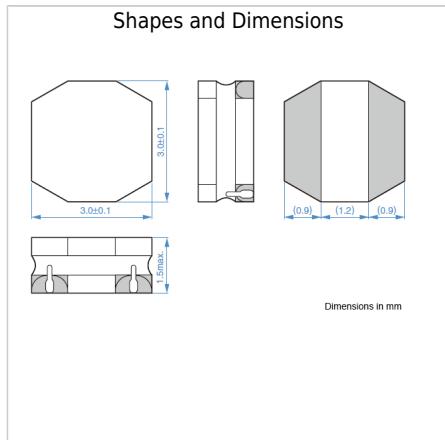
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Associated Images



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