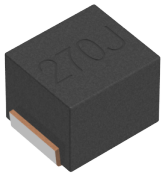
SMD / SMT Inductors (Coils)

NLV32T-3R3J-EF

Product Status	Production
Applications	Commercial Grade
Feature	No DirectivityNo Directivity Wire WoundWire Wound Ferrite CoreFerrite Core
Series | Type	NLV32-EF
Brand	TDK
Environmental Compliance	RoHS, REACH, Halogen Free, Lead Free



Size	
Length(L)	3.20mm ±0.20mm
Width(W)	2.50mm ±0.20mm
Thickness | Height	2.20mm ±0.20mm
Recommended Land Pattern (A)	1.20mm Nom.
Recommended Land Pattern (B)	2.00mm Nom.
Recommended Land Pattern (C)	2.00mm Nom.

Electrical Characteristics	
Inductance	3.3µH ±5% at 7.96MHz
Rated Current	260mA
DC Resistance [Typ.]	
DC Resistance [Max.]	1.2Ω
Self Resonant Frequency [Min.]	60MHz
Self Resonant Frequency [Typ.]	
Q [Min.]	30 at 7.96MHz
Q [Typ.]	

Other	
Operating Temp. Range	-40 to 105°C (Including Self-Temp. Rise)
Soldering Method	Wave (Flow) Reflow Iron Soldering
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs
Weight	0.05g

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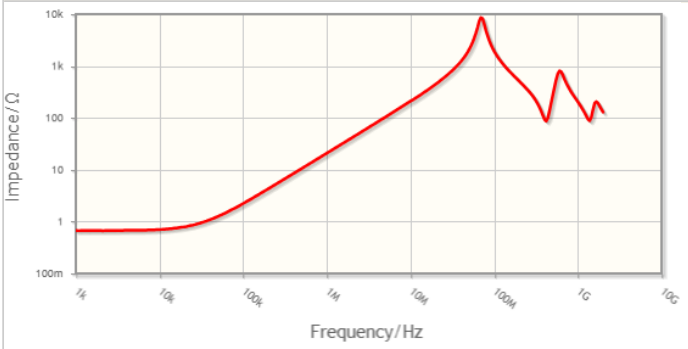
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SMD / SMT Inductors (Coils)

NLV32T-3R3J-EF

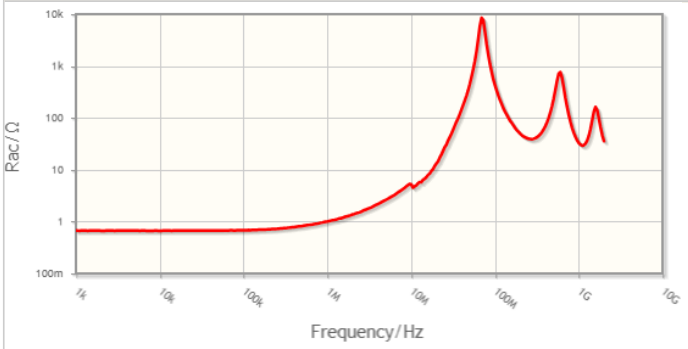
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

Impedance



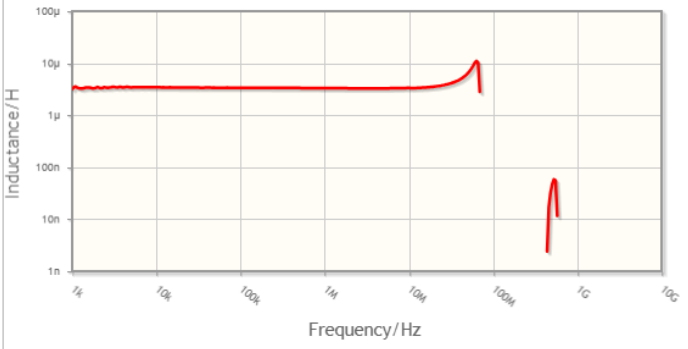
NLV32T-3R3J-EF

Rac



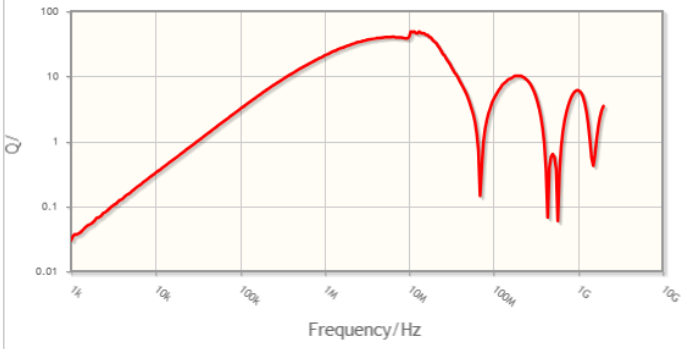
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Inductance



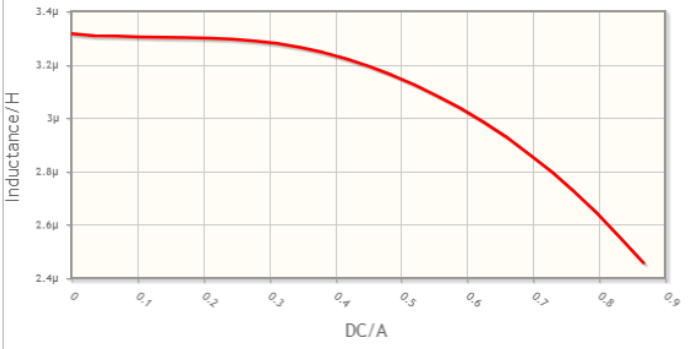
NLV32T-3R3J-EF

Q



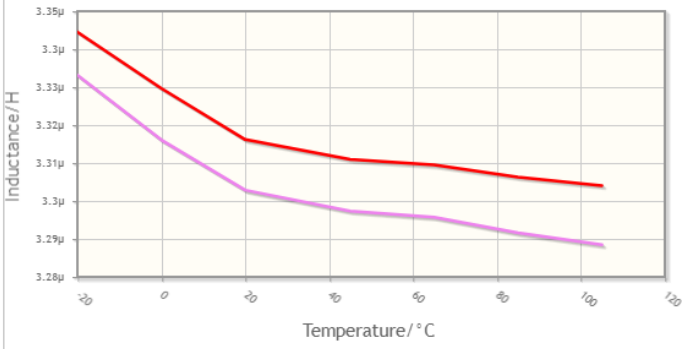
NLV32T-3R3J-EF

DC Bias Characteristic



NLV32T-3R3J-EF (Amb. Temp. = 20 °C)

Temperature Characteristic



NLV32T-3R3J-EF(No Bias) NLV32T-3R3J-EF(DC Bias = 0.13A)

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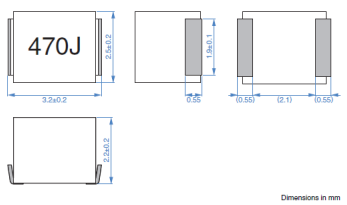
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SMD / SMT Inductors (Coils)

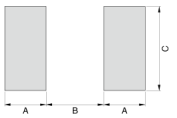
NLV32T-3R3J-EF

Associated Images

Shapes and Dimensions



Land Pattern (Terminal Connection)



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