TDK

SMD / SMT Inductors (Coils)

NLV32T-100J-EF

RoHS Reach Halogen Free Pb Free

Applications		Commercial Grade
Feature		No Directivity No Directivity
		Wire Wound Wire Wound
		Ferrite Core Ferrite Core
**Series	Type**		NLV32-EF
Status		Production
Brand		TDK

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	10µH ±5% at 2.52MHz
Rated Current	150mA
DC Resistance [Typ.]	
DC Resistance [Max.]	2.1Ω
Self Resonant Frequency [Min.]	30MHz
Self Resonant Frequency [Typ.]	
Q [Min.]	30 at 2.52MHz
Q [Typ.]	

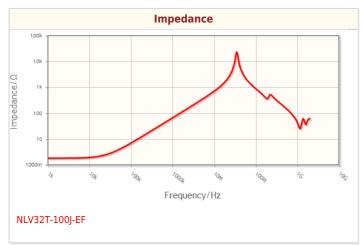| Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105°C
Soldering Method	Wave (Flow)
	Reflow
	Iron Soldering
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs
Weight	0.05g

! Images are for reference only and show exemplary products.

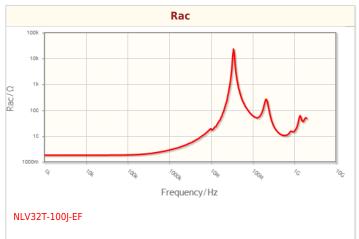! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

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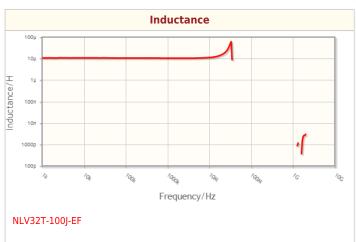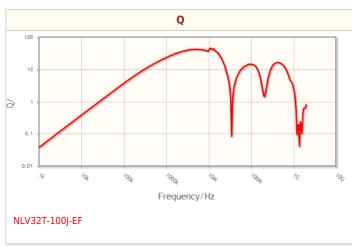SMD / SMT Inductors (Coils)

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

Impedance

NLV32T-100J-EF

Rac

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Inductance

NLV32T-100J-EF

Q

NLV32T-100J-EF

DC Bias Characteristic

NLV32T-100J-EF (Amb. Temp. = 20 °C)

Temperature Characteristic

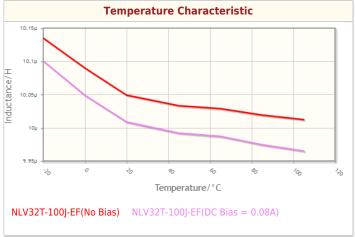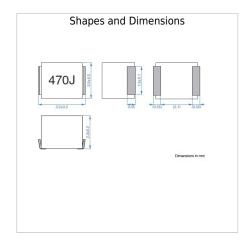NLV32T-100J-EF(No Bias)   NLV32T-100J-EF(DC Bias = 0.08A)

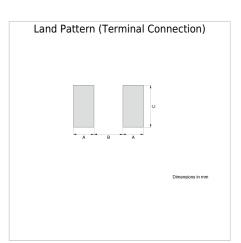! Images are for reference only and show exemplary products.
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Associated Images

Shapes and Dimensions

Dimensions in mm

Land Pattern (Terminal Connection)

Dimensions in mm

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