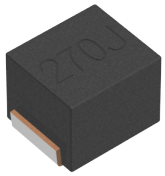
SMD / SMT Inductors (Coils)

NLV25T-330J-EFD

Product Status	Production
Applications	Automotive Grade
Feature	AEC-Q200AEC-Q200 No DirectivityNo Directivity Wire WoundWire Wound Ferrite CoreFerrite Core
Series | Type	NLV25-EFD
Brand	TDK
Environmental Compliance	RoHS REACH Halogen Free Lead Free



Size	
Length(L)	2.50mm ±0.20mm
Width(W)	2.00mm ±0.10mm
Thickness | Height	1.80mm ±0.10mm
Recommended Land Pattern (A)	1.00mm Nom.
Recommended Land Pattern (B)	1.50mm Nom.
Recommended Land Pattern (C)	1.50mm Nom.

Electrical Characteristics	
Inductance	33µH ±5% at 2.52MHz
Rated Current	110mA
DC Resistance [Typ.]	
DC Resistance [Max.]	7.1Ω
Self Resonant Frequency [Min.]	20MHz
Self Resonant Frequency [Typ.]	
Q [Min.]	25 at 2.52MHz
Q [Typ.]	

Other	
Operating Temp. Range	-40 to 105°C (Including Self-Temp. Rise)
Soldering Method	Wave (Flow) Reflow Iron Soldering
AEC-Q200	YES
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs
Weight	0.025g
FIT (Failure In Time)	This will be displayed when you login to myTDK

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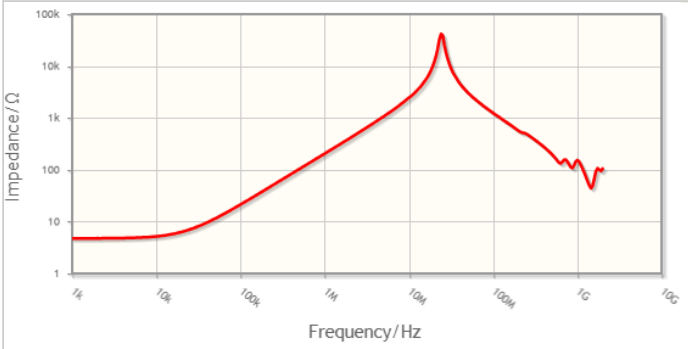
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SMD / SMT Inductors (Coils)

NLV25T-330J-EFD

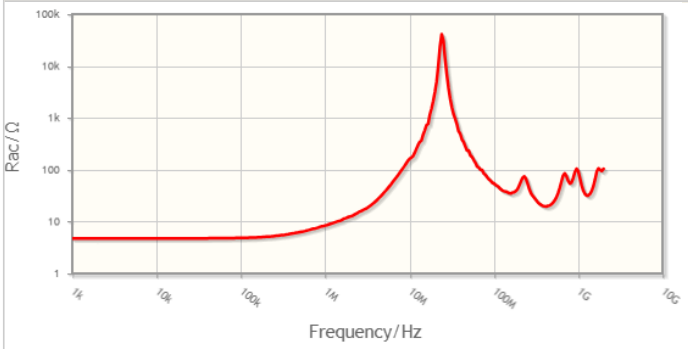
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

Impedance



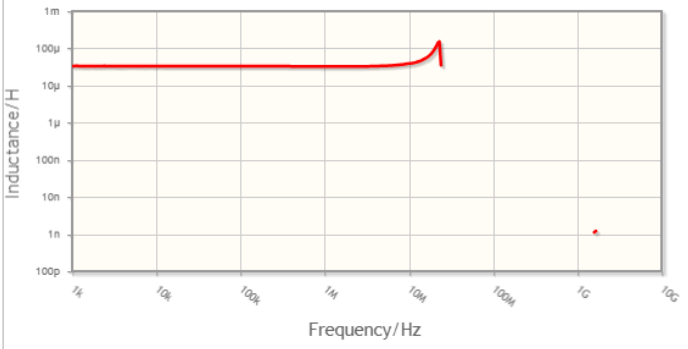
NLV25T-330J-EFD

Rac



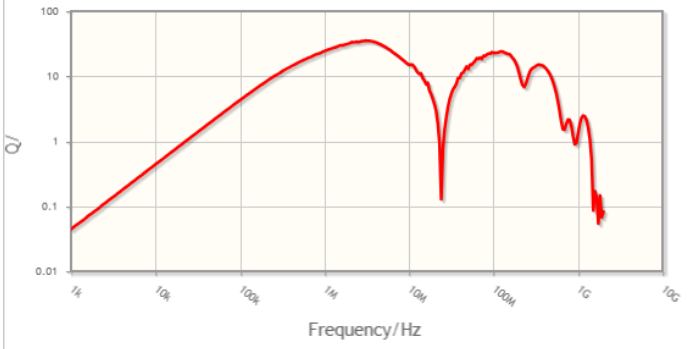
NLV25T-330J-EFD

Inductance



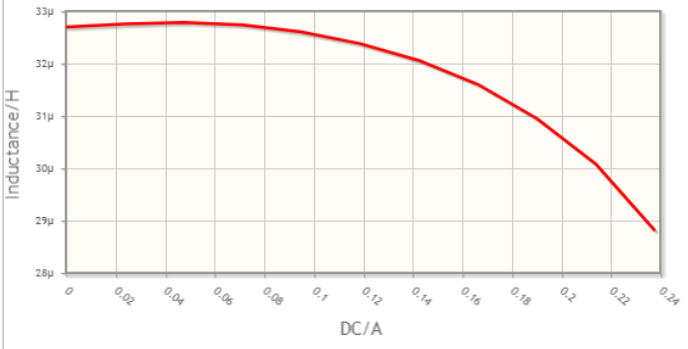
NLV25T-330J-EFD

Q



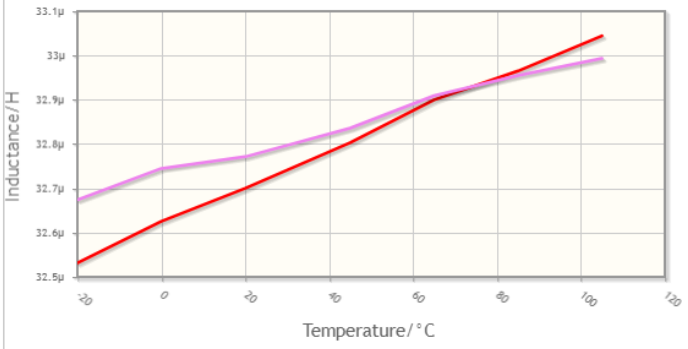
NLV25T-330J-EFD

DC Bias Characteristic



NLV25T-330J-EFD (Amb. Temp. = 20 °C)

Temperature Characteristic



NLV25T-330J-EFD(No Bias) NLV25T-330J-EFD(DC Bias = 0.06A)

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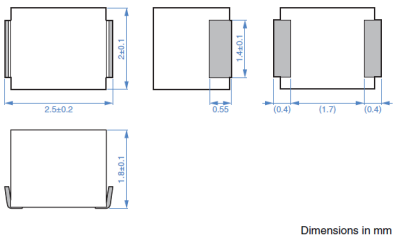
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SMD / SMT Inductors (Coils)

NLV25T-330J-EFD

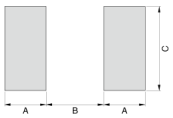
Associated Images

Shapes and Dimensions



Dimensions in mm

Land Pattern (Terminal Connection)



Dimensions in mm

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