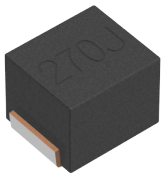
SMD / SMT Inductors (Coils)

NLV25T-R47J-EFD

Product Status	Production
Applications	Automotive Grade
Feature	AEC-Q200AEC-Q200 No DirectivityNo Directivity Wire WoundWire Wound Ferrite CoreFerrite Core
Series | Type	NLV25-EFD
Status	Production
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	470nH ±5% at 25.2MHz
Rated Current	350mA
DC Resistance [Typ.]	
DC Resistance [Max.]	680mΩ
Self Resonant Frequency [Min.]	350MHz
Self Resonant Frequency [Typ.]	
Q [Min.]	30 at 25.2MHz
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

! Images are for reference only and show exemplary products.
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Weight	0.025g
FIT (Failure In Time)	This will be displayed when you login to myTDK

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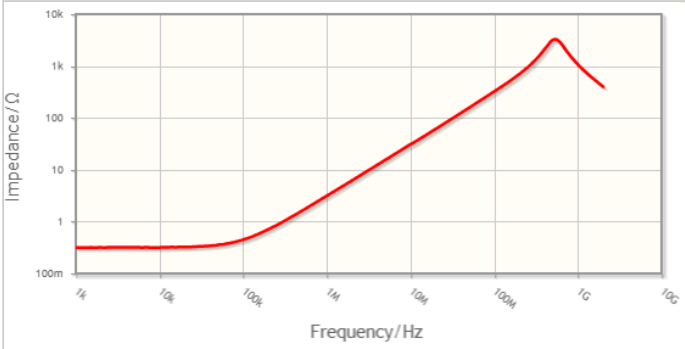
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

Impedance



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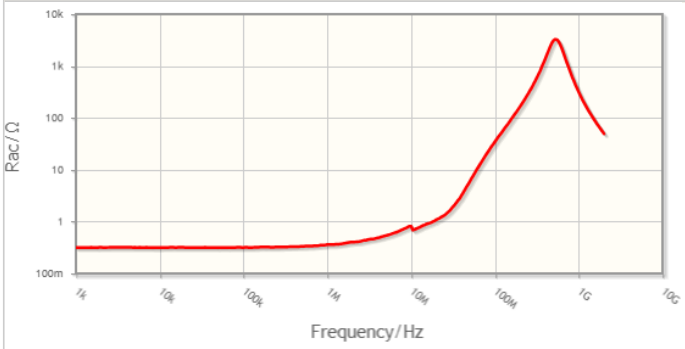
Rac



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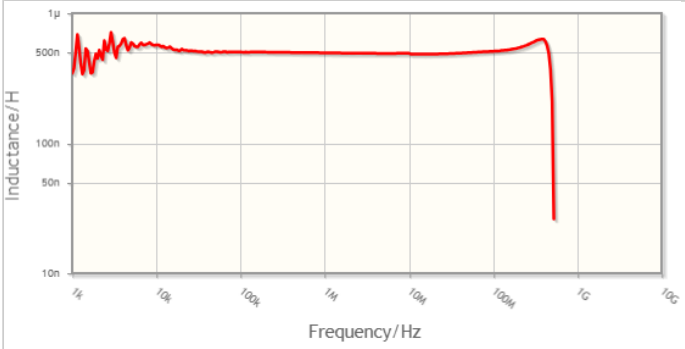
Inductance



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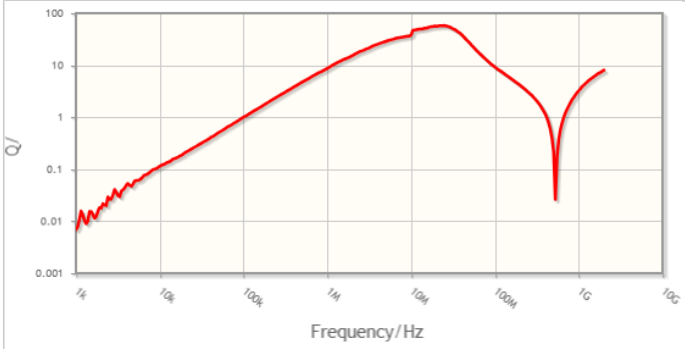
Q



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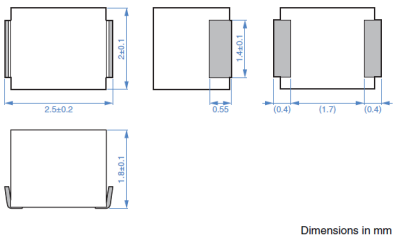
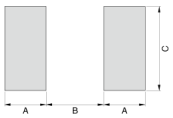
Associated Images

Shapes and Dimensions



Dimensions in mm

Land Pattern (Terminal Connection)



Dimensions in mm

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