

NLV32T-047J-EFD

Product Status	Production
Applications	Automotive Grade
	AEC-Q200
Feature	No Directivity
	Wire Wound
	Ferrite Core
Series   Type	NLV32-EFD
Brand	TDK
Environmental Compliance	 RoHS  REACH  Halogen Free  Lead Free



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

Electrical Characteristics	
Inductance	47nH $\pm 5\%$ at 100MHz
Rated Current	450mA
DC Resistance [Typ.]	
DC Resistance [Max.]	300m $\Omega$
Self Resonant Frequency [Min.]	1.2GHz
Self Resonant Frequency [Typ.]	
Q [Min.]	26 at 100MHz
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	0.05g

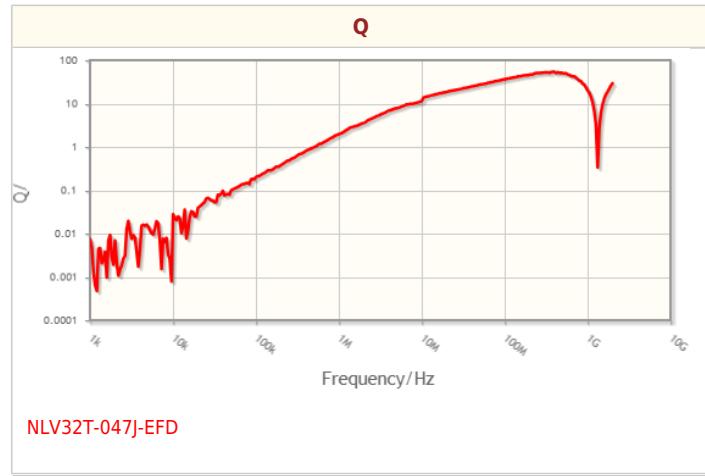
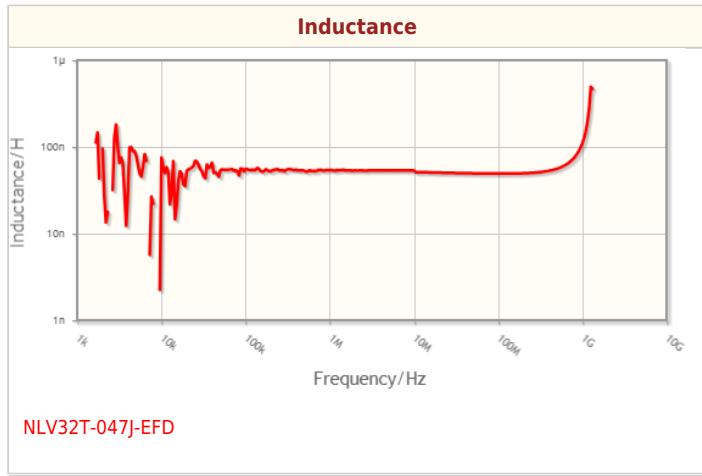
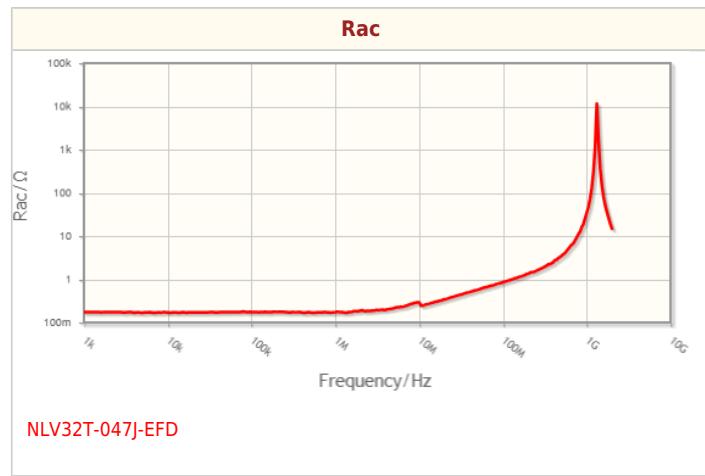
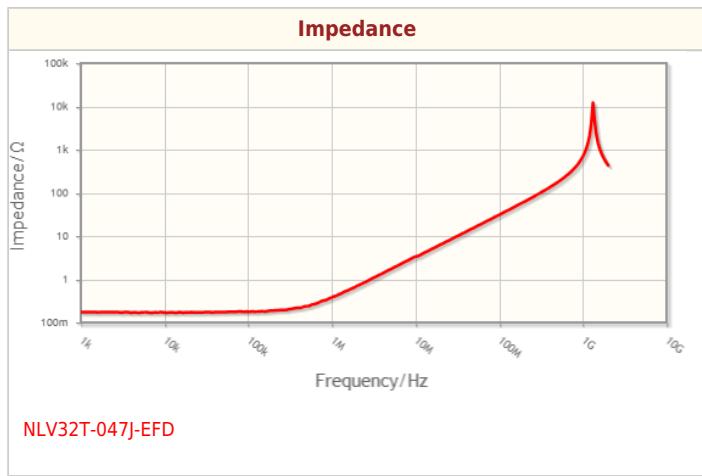
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## Characteristic Graphs (This is reference data, and does not guarantee the products characteristics.)

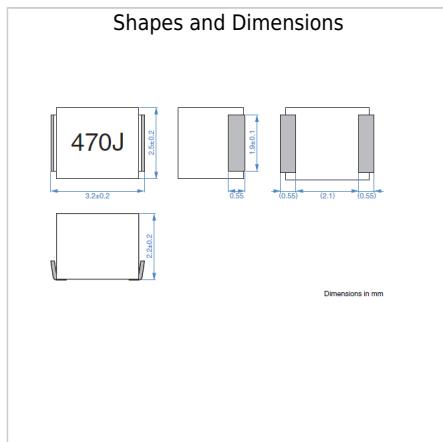


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