

## NLV25T-8R2J-EFD

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



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

Electrical Characteristics	
Inductance	8.2 $\mu$ H $\pm 5\%$ at 7.96MHz
Rated Current	160mA
DC Resistance [Typ.]	
DC Resistance [Max.]	3.05 $\Omega$
Self Resonant Frequency [Min.]	36MHz
Self Resonant Frequency [Typ.]	
Q [Min.]	25 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	YES
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs
Weight	0.025g

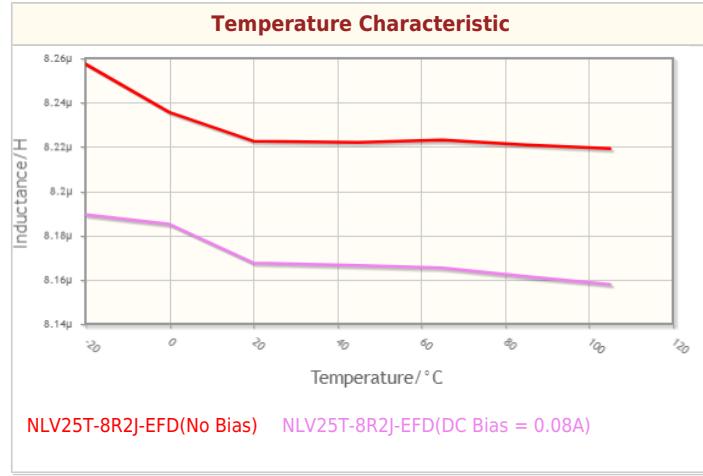
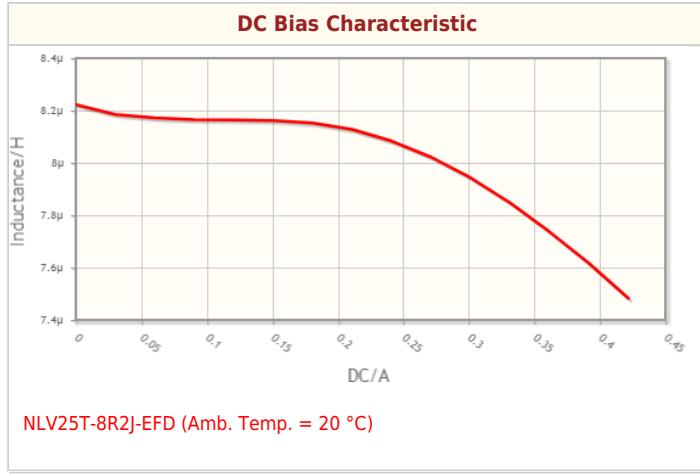
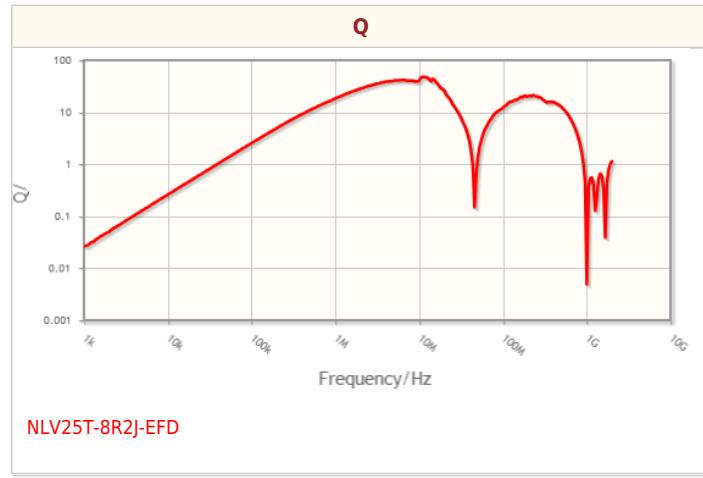
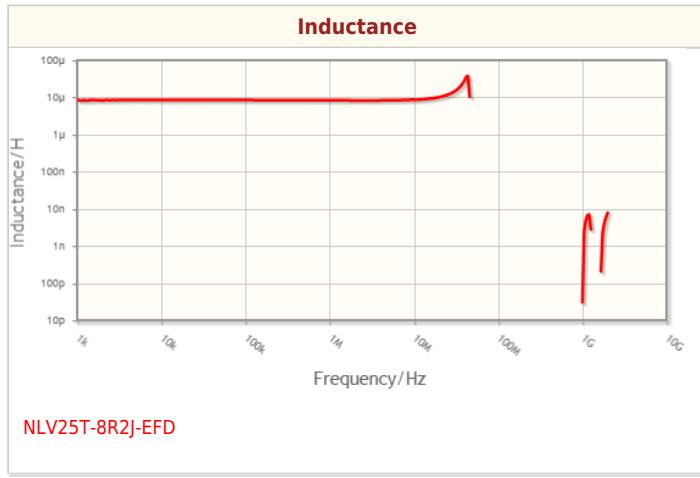
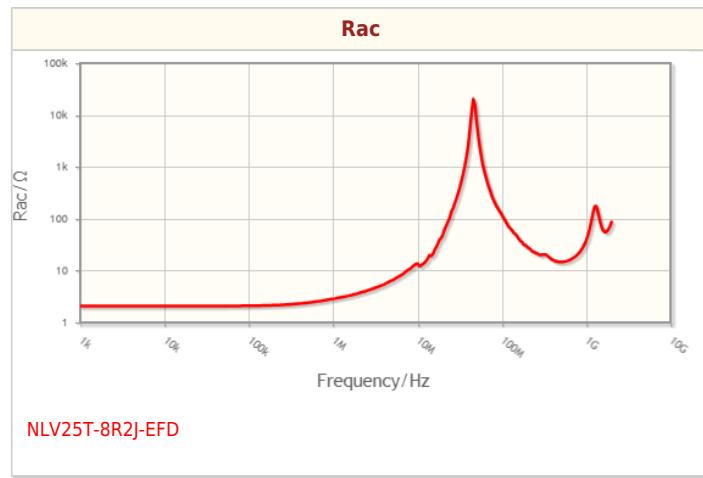
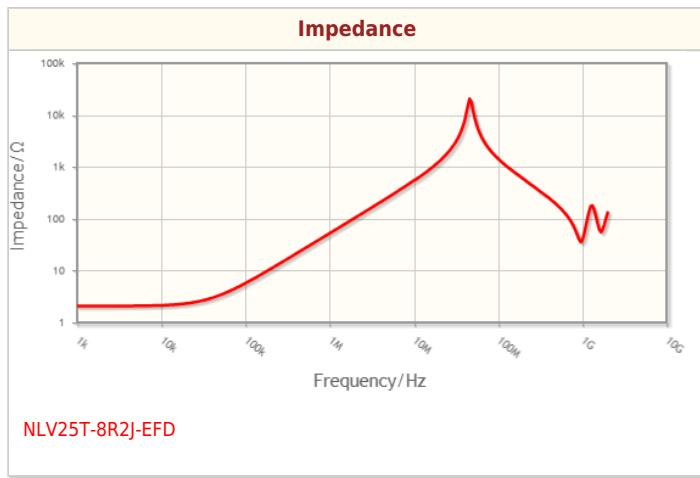
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## Characteristic Graphs (This is reference data, and does not guarantee the products characteristics.)

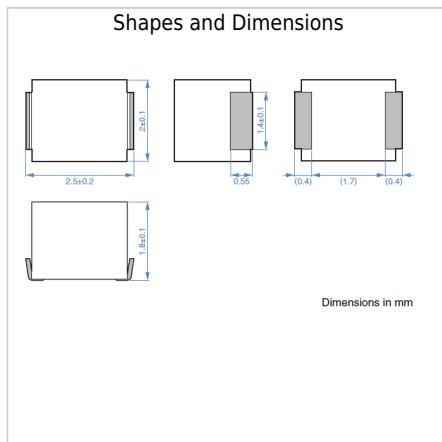


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