

NLCV25T-4R7M-PFR

EOL Announced

Recommended Alternate Part No. : [NLCV25T-4R7M-EFR](#) (Interchangeability is not guaranteed.)

Product Status

Discontinue Issue Date : Nov.19, 2024

Last Purchase Order Date : Mar.31, 2026

Last Shipment Date : Sep.30, 2026

Applications

Commercial Grade

Feature

No Directivity

Wire Wound

Ferrite Core



Series | Type

NLCV25-PFR

Brand

TDK

Environmental



RoHS



REACH



Halogen Free

Compliance

Size	
Length(L)	2.50mm ± 0.20 mm
Width(W)	2.00mm ± 0.10 mm
Thickness Height	1.80mm ± 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	4.7 μ H $\pm 20\%$ at 7.96MHz
Rated Current	500mA
DC Resistance [Typ.]	570m Ω
DC Resistance [Max.]	684m Ω
Self Resonant Frequency [Min.]	46MHz
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	10 at 7.96MHz

Other

Operating Temp. Range	-40 to 125°C (Including Self-Temp. Rise)
Soldering Method	Wave (Flow) Reflow Iron Soldering
AEC-Q200	NO

! 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.

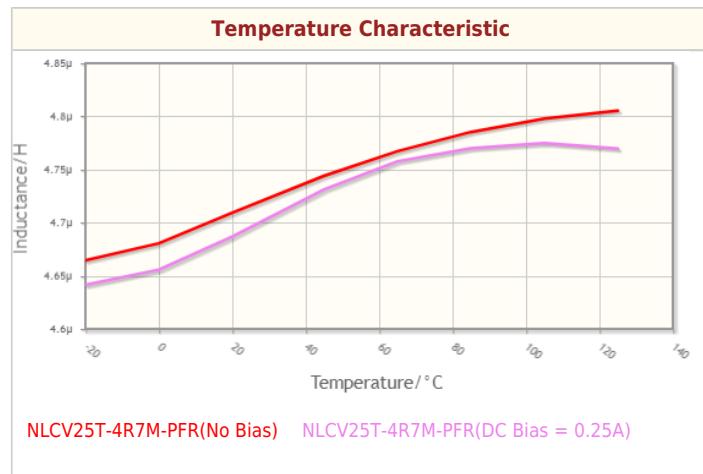
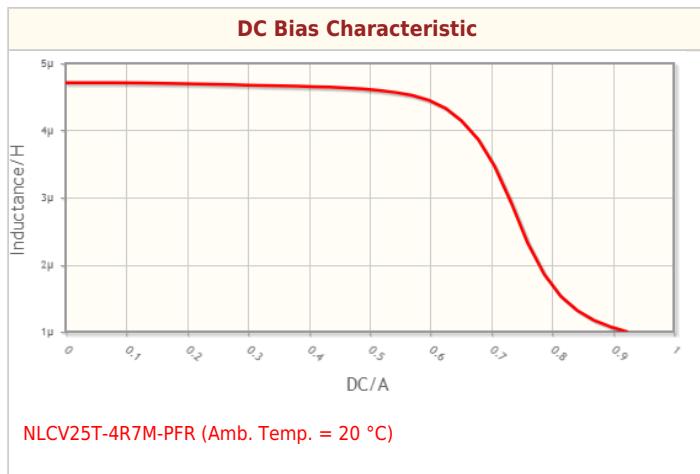
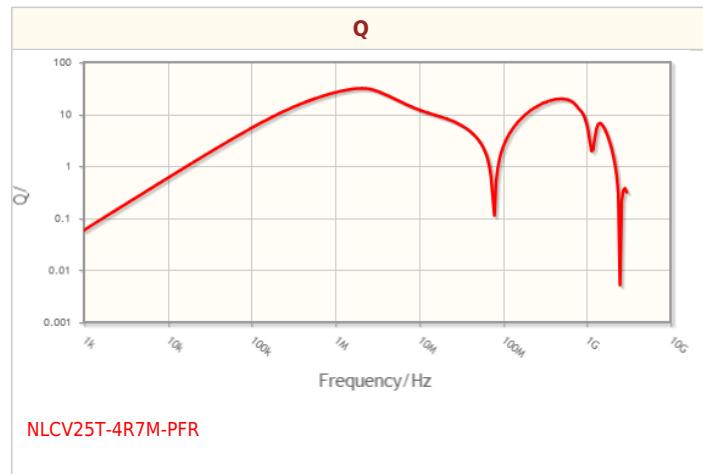
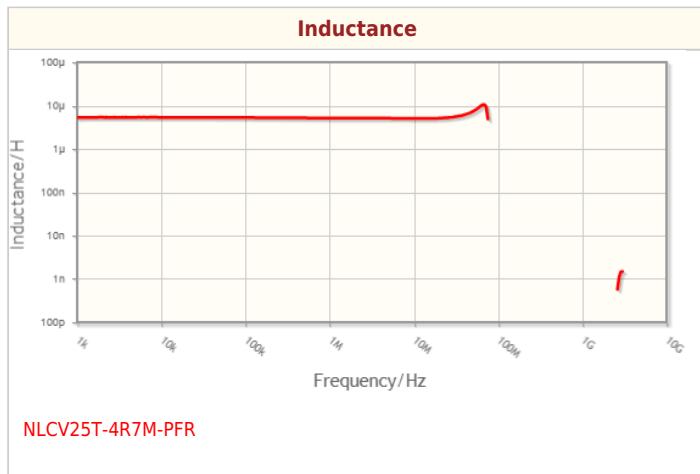
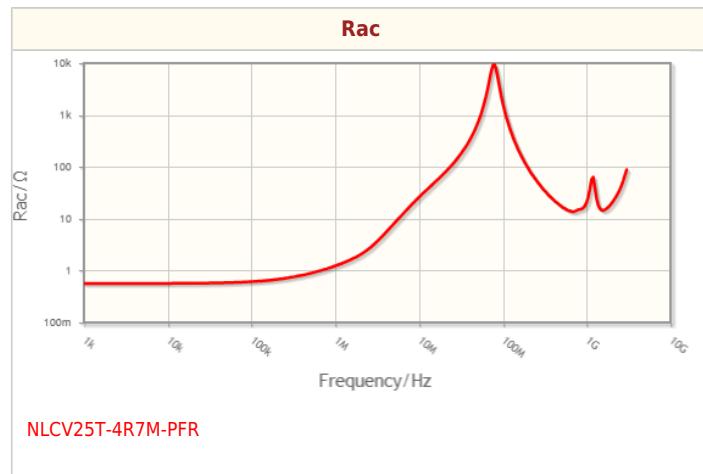
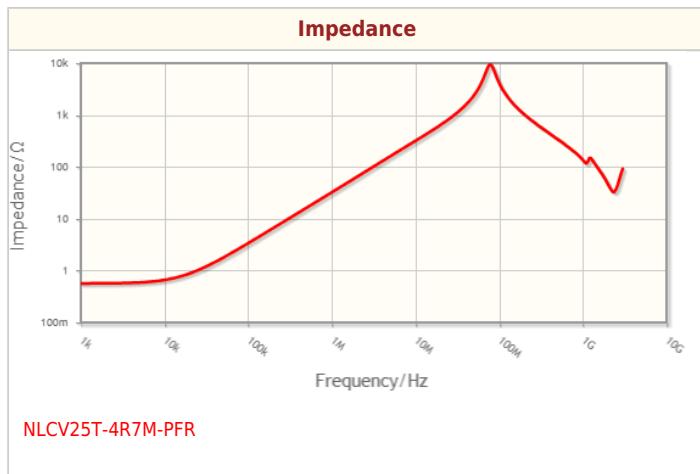
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Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs
Weight	0.025g

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



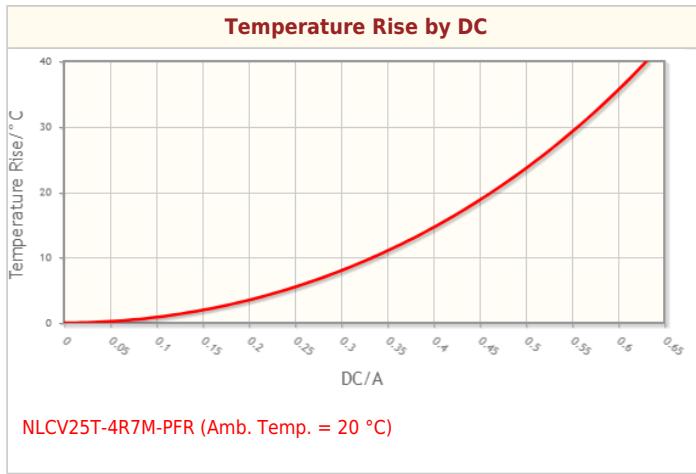
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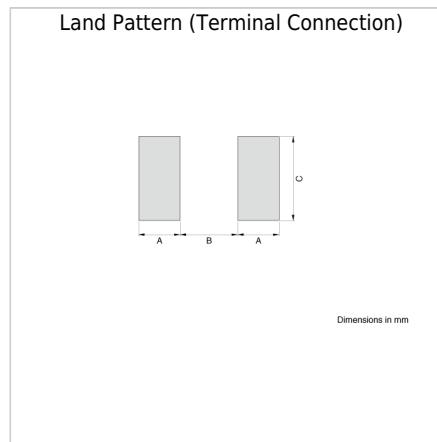
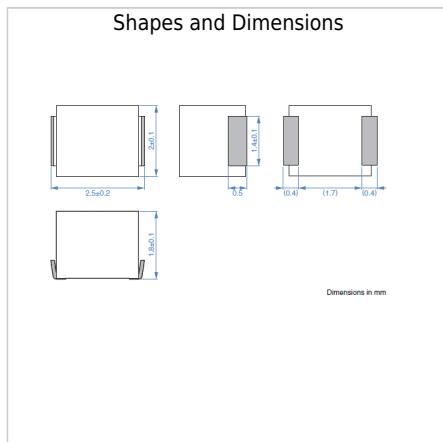
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Associated Images



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