

CLF12577NIT-151M-D



Applications



Automotive Grade

Feature

AEC-Q200

AEC-Q200

Wire Wound

Wire Wound

Shield

Magnetic Shield

Ferrite Core

Ferrite Core

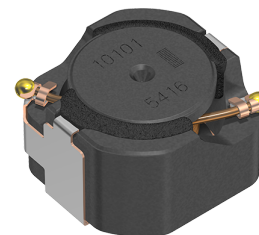
Series

CLF-NI-D

Status



Production



Size

Length(L)	12.80mm ±0.30mm
Width(W)	12.50mm ±0.30mm
Thickness(T)	7.70mm ±0.30mm
Recommended Land Pattern (A)	4.50mm Nom.
Recommended Land Pattern (B)	6.20mm Nom.
Recommended Land Pattern (C)	4.20mm Nom.

Electrical Characteristics

Inductance	150μH ±20% at 100kHz
Rated Current (L Change) [Typ.]	2.4A (30% Down)
Rated Current (L Change) [Max.]	1.8A (30% Down)
Rated Current (Temperature Rise) [Typ.]	2.1A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	170mΩ
DC Resistance [Max.]	204mΩ
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

Other

Operating Temp. Range (Including Self-Temp. Rise)	-55 to 150°C
Soldering Method	Reflow Iron Soldering
AEC-Q200	Yes
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	500pcs
Weight	4g

! Images are for reference only and show exemplary products.

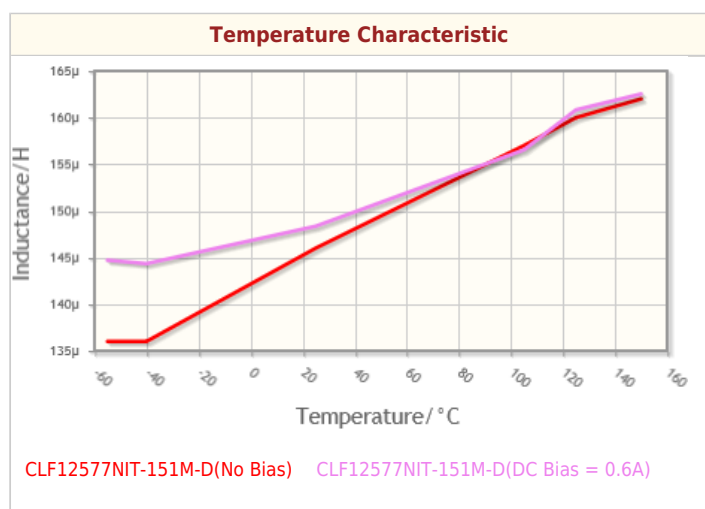
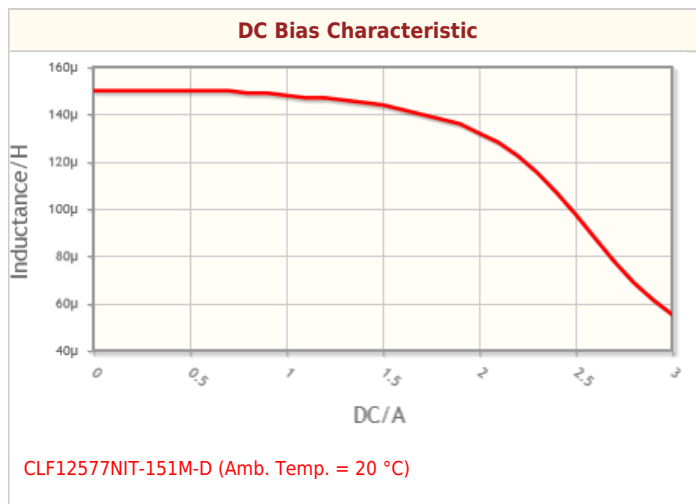
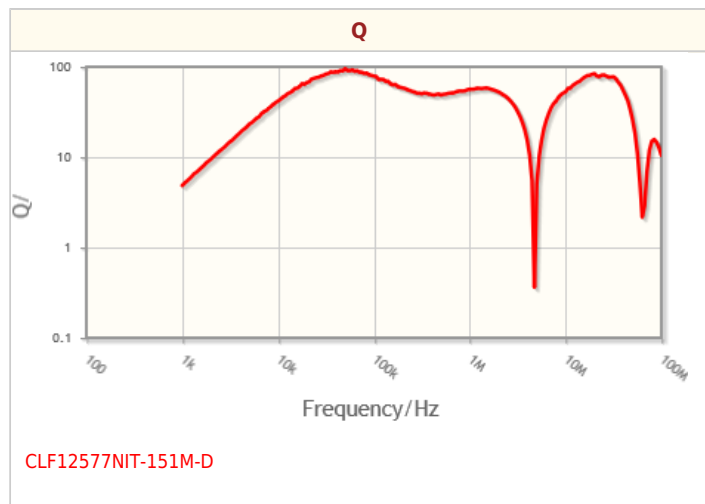
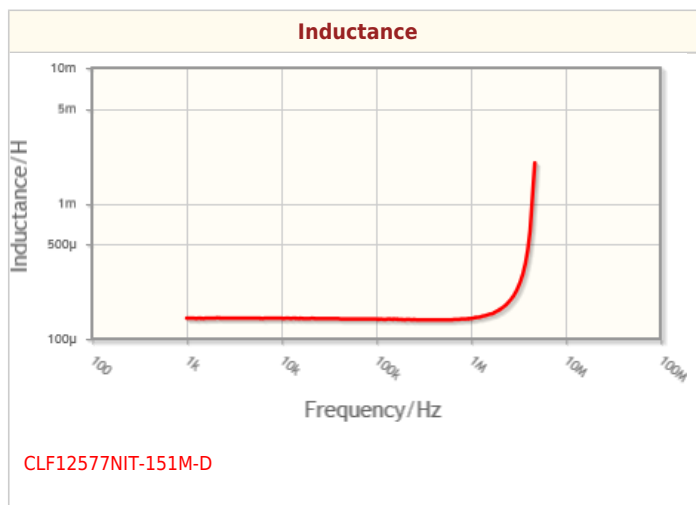
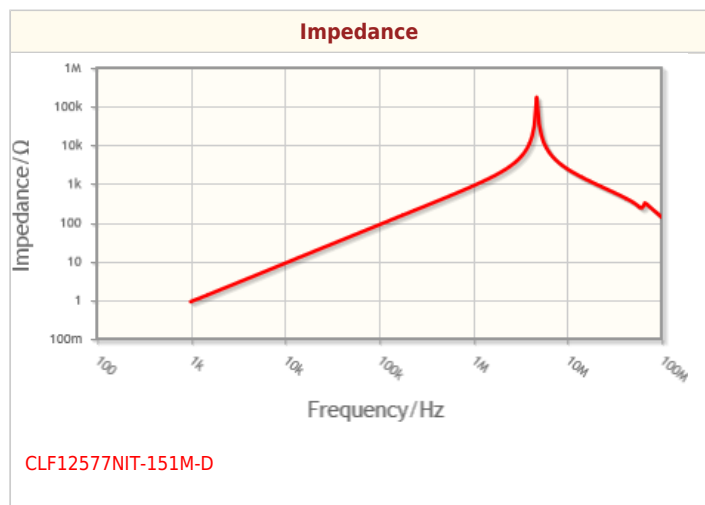
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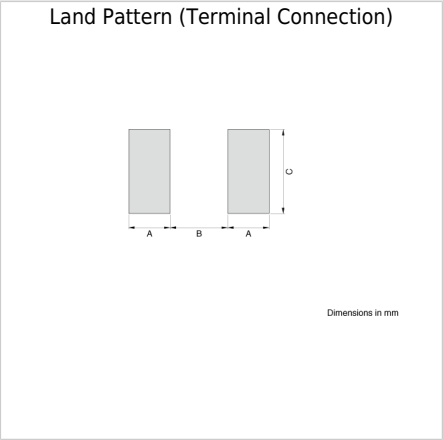
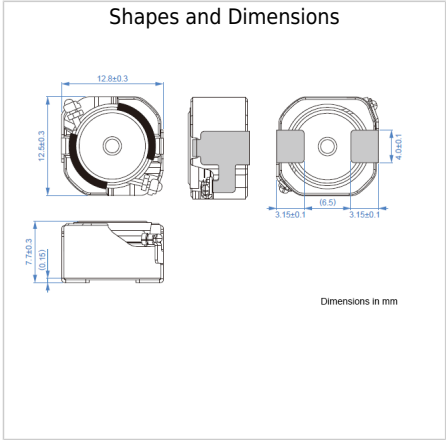


Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)





Associated Images



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