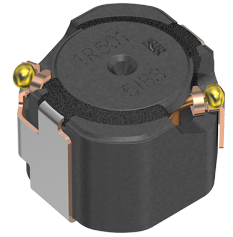


CLF6045NIT-470M-D



Applications	Automotive Grade
Feature	AEC-Q200
	Wire Wound
	Magnetic Shield
	Ferrite Core
Series Type	CLF-NI-D
Status	Production
Brand	TDK



Size	
Length(L)	6.30mm ±0.20mm
Width(W)	6.00mm ±0.20mm
Thickness Height	4.50mm ±0.30mm
Recommended Land Pattern (A)	2.10mm Nom.
Recommended Land Pattern (B)	2.80mm Nom.
Recommended Land Pattern (C)	2.20mm Nom.

Electrical Characteristics	
Inductance	47µH ±20% at 100kHz
Rated Current (L Change) [Typ.]	1.2A (30% Down)
Rated Current (L Change) [Max.]	970mA (30% Down)
Rated Current (Temperature Rise) [Typ.]	1.4A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	130mΩ
DC Resistance [Max.]	156mΩ
Rated Voltage [Max.]	
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	Embossed (Plastic)Taping [330mm Reel]

! Images are for reference only and show exemplary products.
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! All specifications are subject to change without notice.

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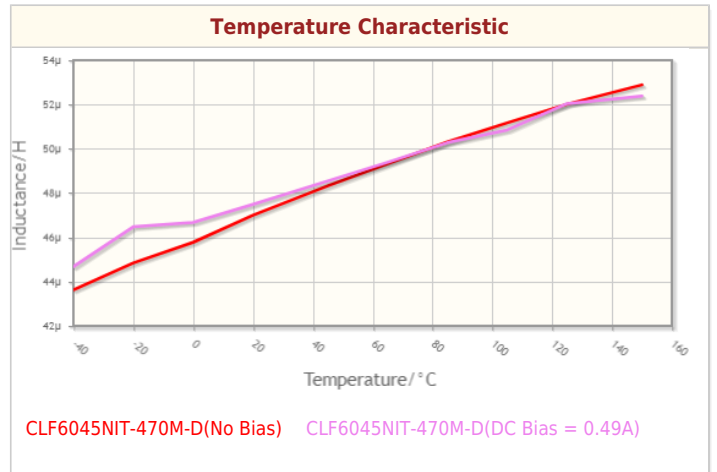
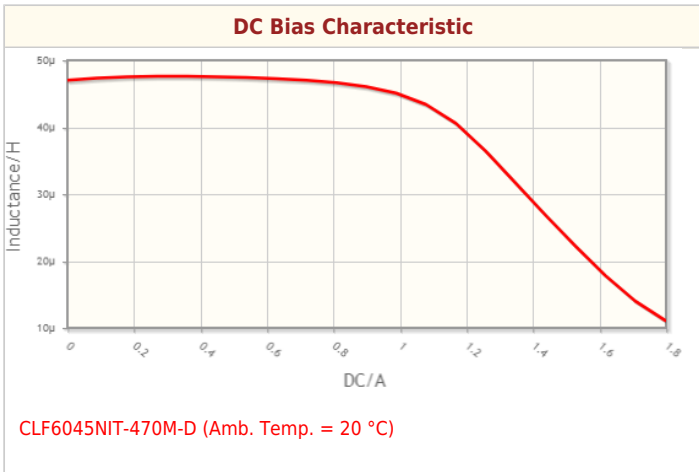
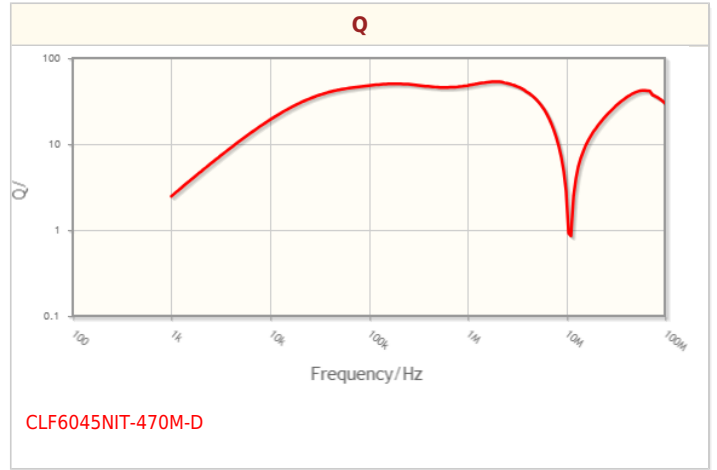
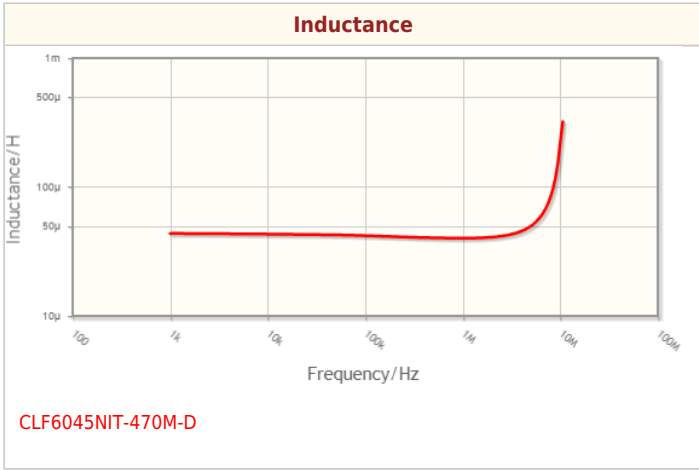
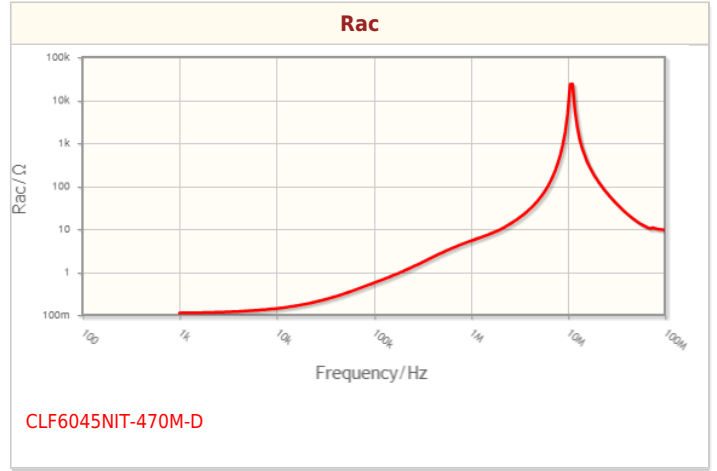
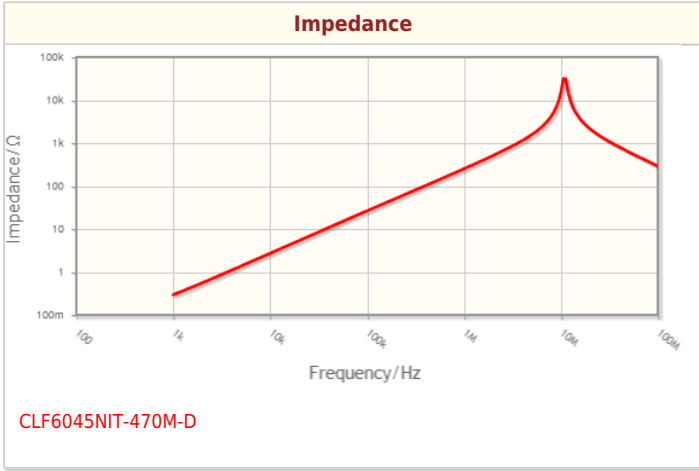
Package Quantity	1000pcs
Weight	0.6g

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CLF6045NIT-470M-D



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

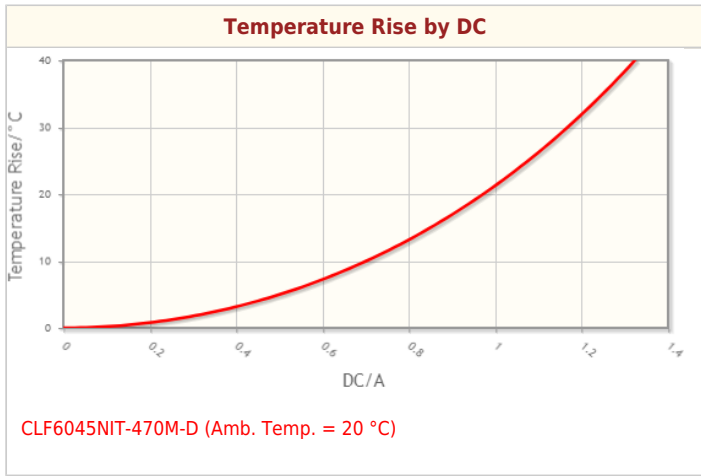


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Associated Images

