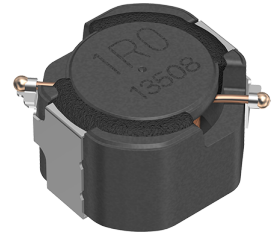


CLF7045T-470M-D



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



Size	
Length(L)	7.20mm ±0.20mm
Width(W)	6.90mm ±0.20mm
Thickness Height	4.50mm ±0.30mm
Recommended Land Pattern (A)	2.00mm Nom.
Recommended Land Pattern (B)	3.90mm Nom.
Recommended Land Pattern (C)	2.20mm Nom.

Electrical Characteristics	
Inductance	47µH ±20% at 100kHz
Rated Current (L Change) [Typ.]	1.3A (10% Down)
Rated Current (L Change) [Max.]	
Rated Current (Temperature Rise) [Typ.]	1.2A (30°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	150mΩ
DC Resistance [Max.]	180mΩ
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

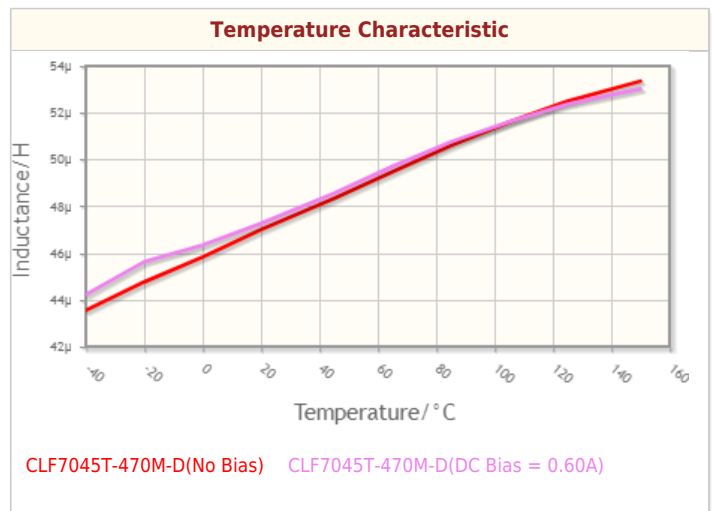
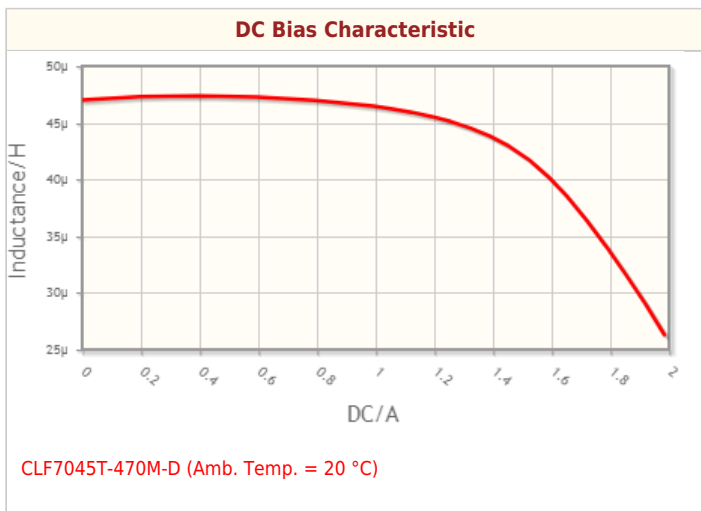
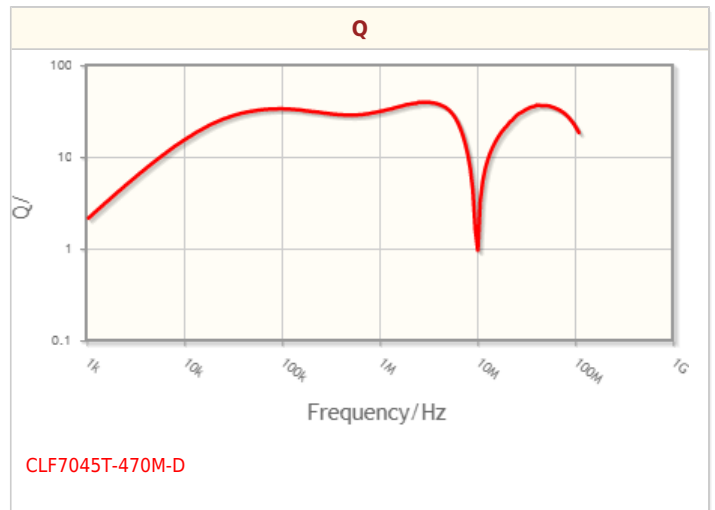
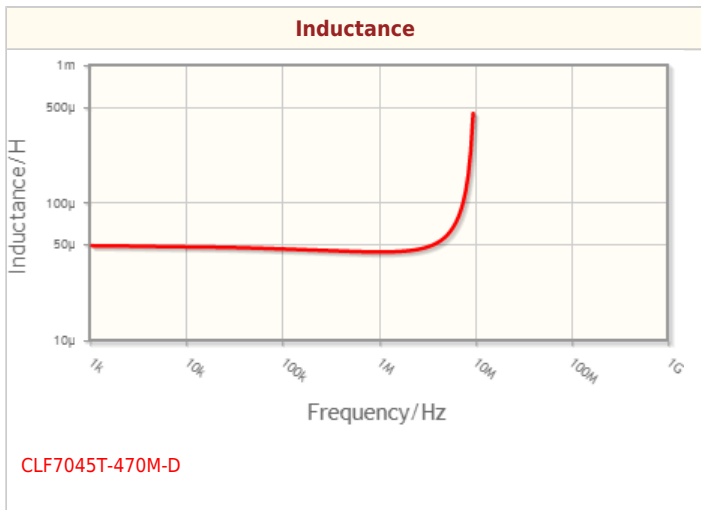
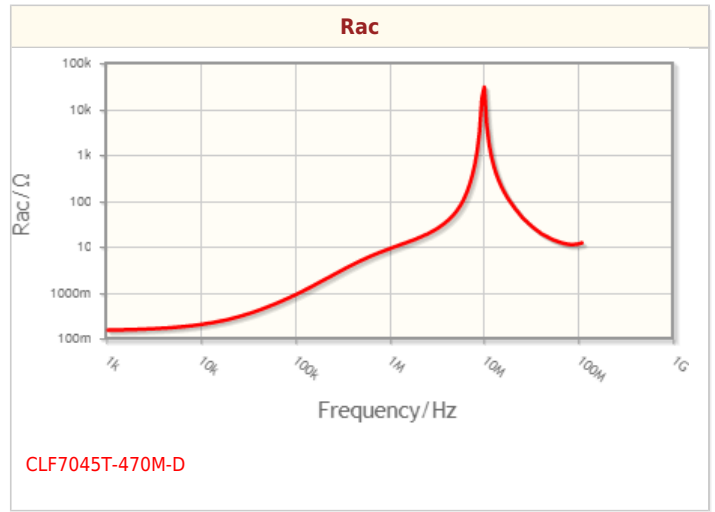
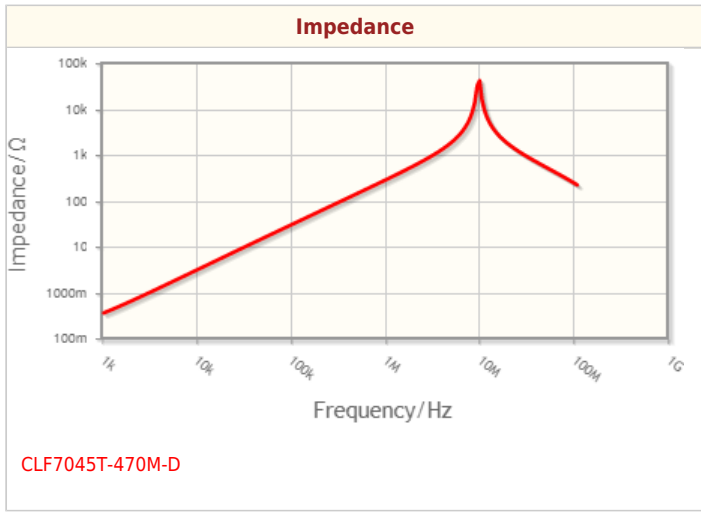
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 150°C
Soldering Method	Reflow
	Iron Soldering
AEC-Q200	Yes
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	1000pcs

Weight 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.

CLF7045T-470M-D



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

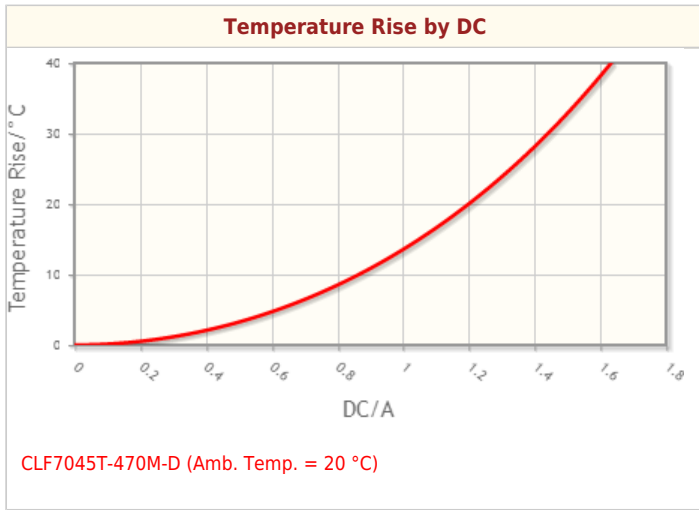


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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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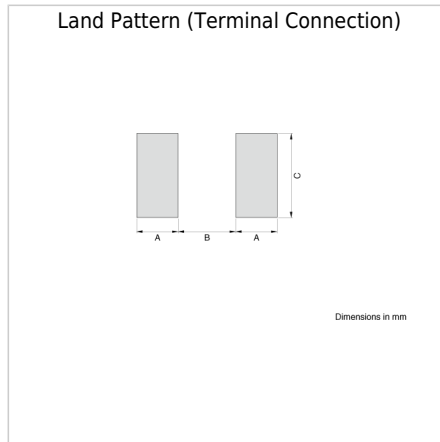
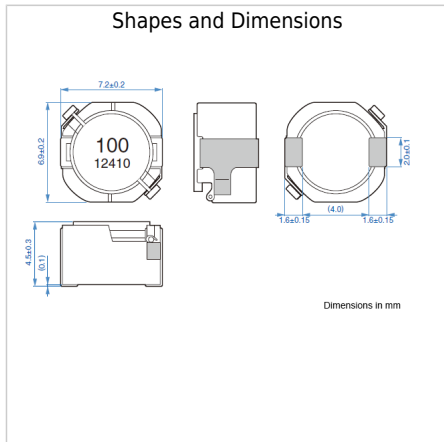
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Associated Images



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