

CLF7045T-330M-D



Applications	Automotive Grade
Feature	<p> AEC-Q200</p> <p> Wire Wound</p> <p> Magnetic Shield</p> <p> Ferrite Core</p>
Series Type	CLF-D
Status	<p> EOL announced</p> <p>Recommended Alternate Part No. : CLF6045NIT-330M-D (Interchangeability is not guaranteed.)</p> <p>Discontinue Issue Date : May.14, 2024</p> <p>Last Purchase Order Date : Mar.31, 2026</p> <p>Last Shipment Date : Dec.31, 2026</p>
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	33µH ±20% at 100kHz
Rated Current (L Change) [Typ.]	1.55A (10% Down)
Rated Current (L Change) [Max.]	
Rated Current (Temperature Rise) [Typ.]	1.4A (30°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	110mΩ
DC Resistance [Max.]	132mΩ
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

Other	
Operating Temp. Range	-40 to 150°C (Including Self-Temp. Rise)

! Images are for reference only and show exemplary products.
! This PDF document was created based on the data listed on the TDK Corporation website.
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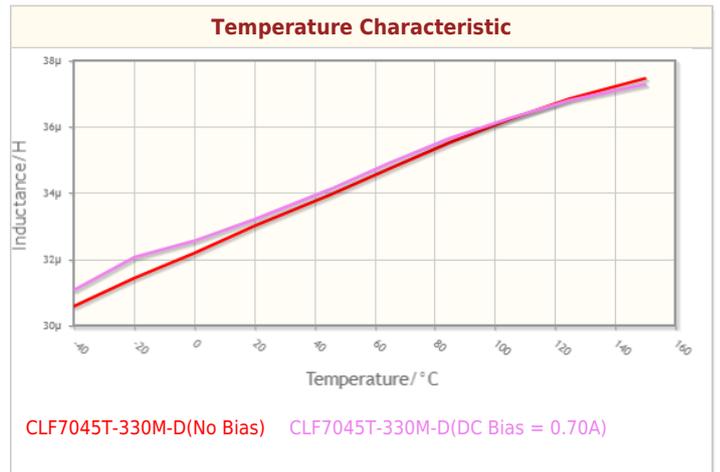
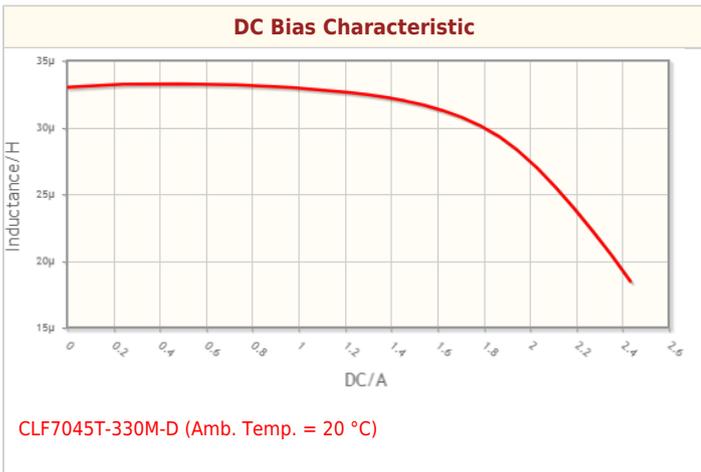
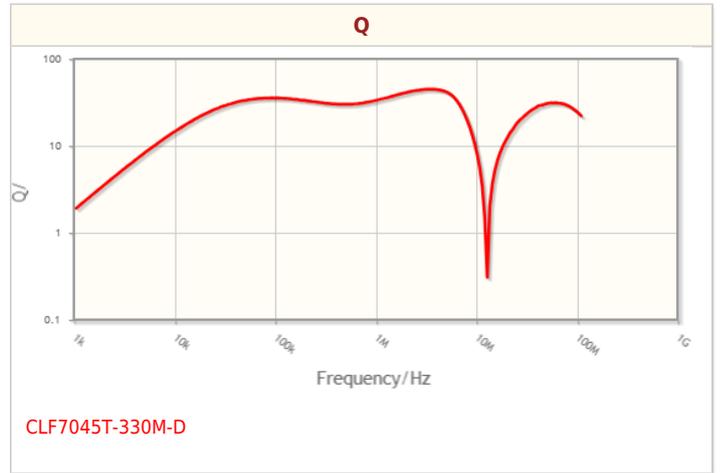
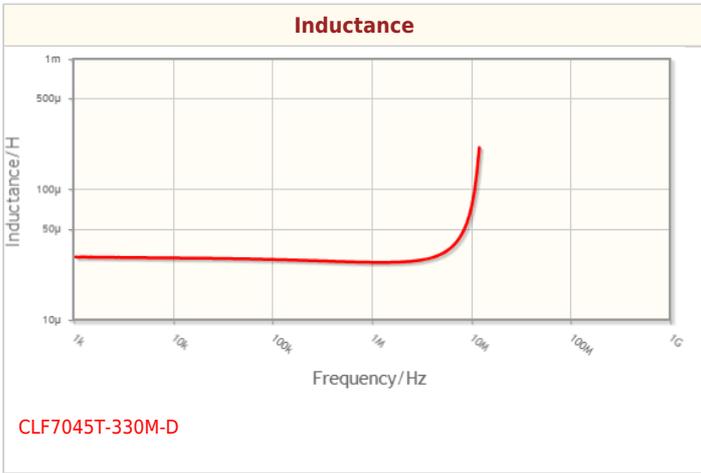
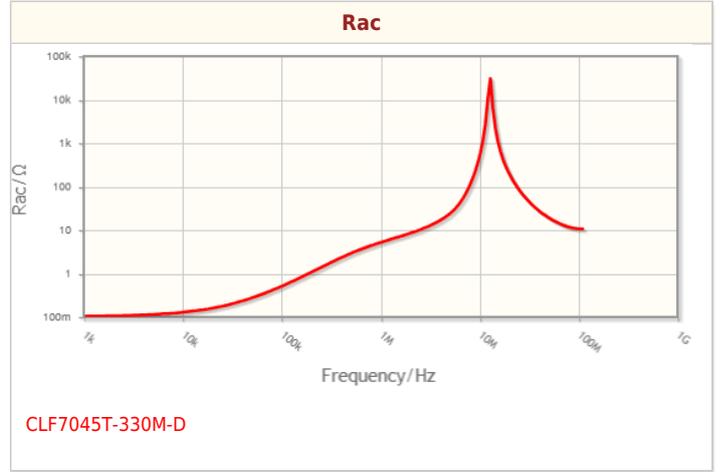
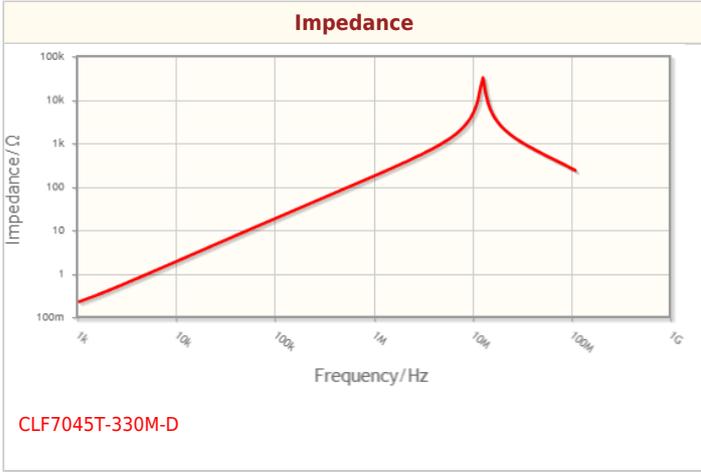


Soldering Method	Reflow Iron Soldering
AEC-Q200	YES
Packing	Punched (Paper)Taping [330mm Reel]
Package Quantity	1000pcs
Weight	0.8g

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

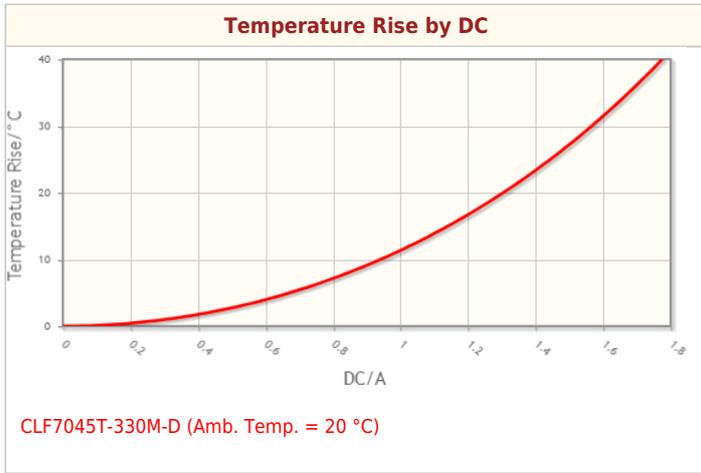


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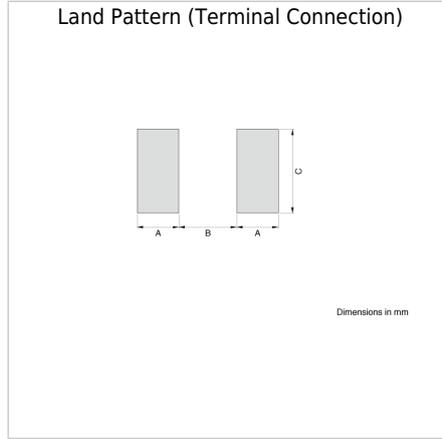
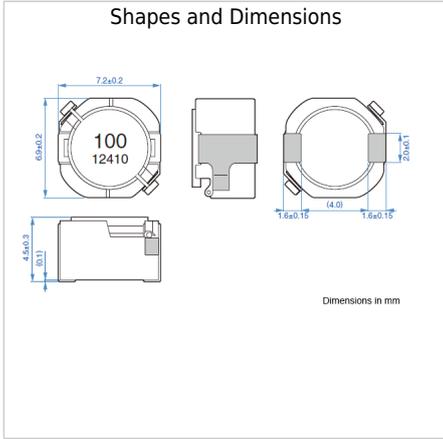
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Associated Images



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