

Applications	Commercial Grade
Feature	<div style="border: 1px solid red; padding: 2px; display: inline-block;">Wire Wound</div> Wire Wound <div style="border: 1px solid green; padding: 2px; display: inline-block;">Shield</div> Magnetic Shield <div style="border: 1px solid gray; padding: 2px; display: inline-block;">Ferrite Core</div> Ferrite Core
Series Type	RLF
Status	<div style="border: 1px solid red; padding: 2px; display: inline-block;"> Obsolete</div> Recommended Alternate Part No. : CLF7045NIT-1R0N-D (Interchangeability is not guaranteed.) Discontinue Issue Date : May.28, 2020 Last Purchase Order Date : Mar.31, 2022 Last Shipment Date : Sep.30, 2022
Brand	TDK



Size	
Length(L)	7.30mm Max.
Width(W)	6.80mm ±0.10mm
Thickness Height	3.20mm Max.
Recommended Land Pattern (A)	2.00mm Nom.
Recommended Land Pattern (B)	3.90mm Nom.
Recommended Land Pattern (C)	2.20mm Nom.

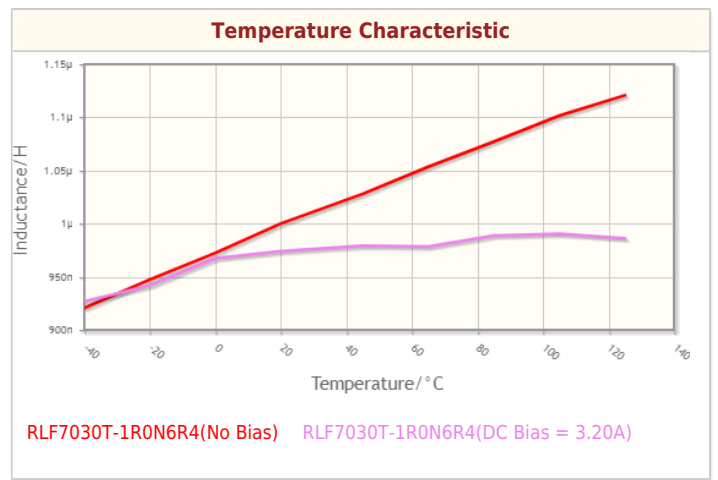
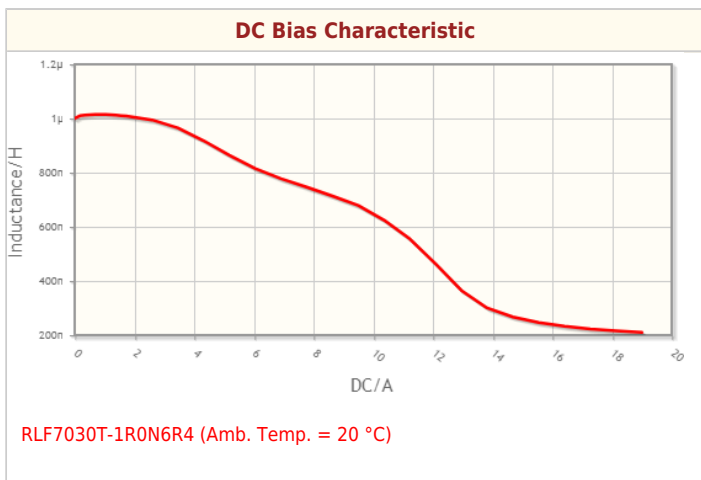
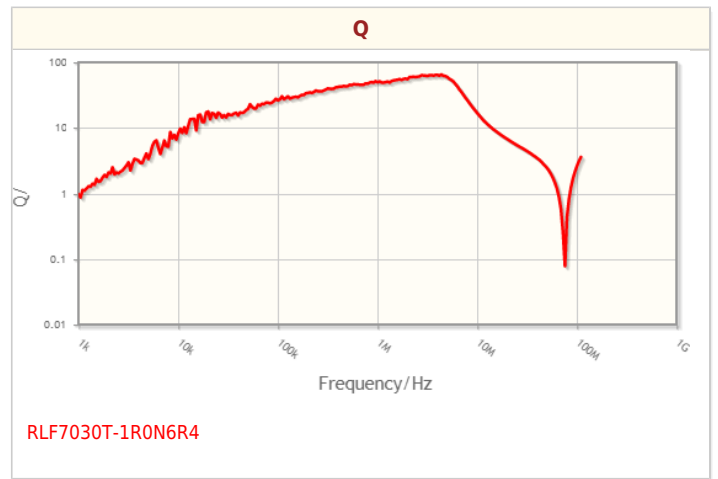
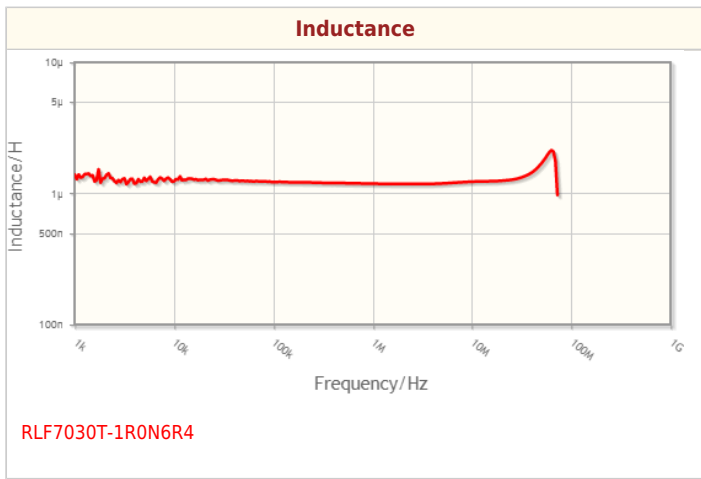
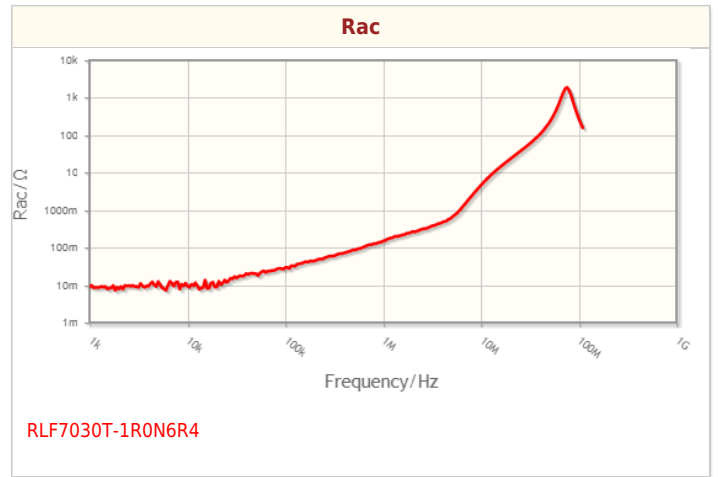
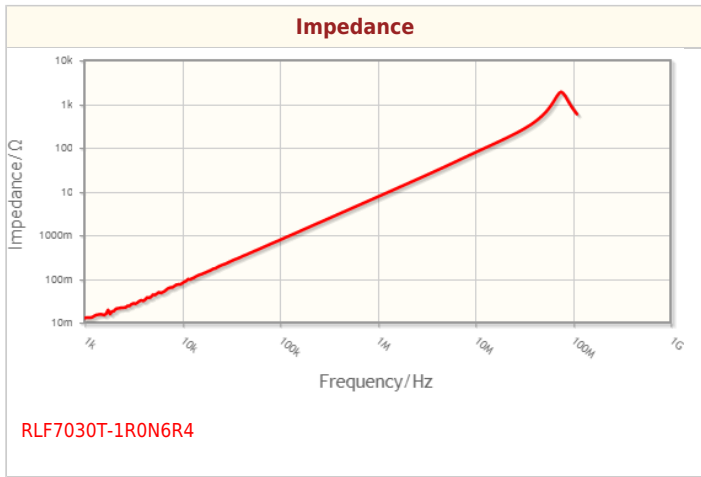
Electrical Characteristics	
Inductance	1μH ±30% at 100kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	7.9A (30% Down)
Rated Current (Temperature Rise) [Typ.]	
Rated Current (Temperature Rise) [Max.]	6.4A (40°C Rise)
DC Resistance [Typ.]	7.3mΩ
DC Resistance [Max.]	8.76mΩ
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 125°C
Soldering Method	Reflow Iron Soldering
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [330mm Reel]

! 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.

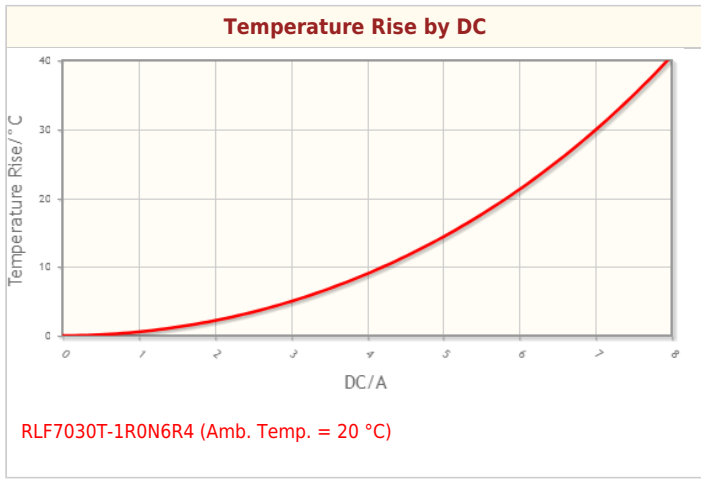
Package Quantity	1000pcs
Weight	0.65g

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



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Associated Images

