




Product Status	Obsolete
	Recommended Alternate Part No. : CLF12555T-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
Applications	Commercial Grade
Feature	Wire WoundWire Wound
	ShieldMagnetic Shield
	Ferrite CoreFerrite Core
Series Type	RLF
Brand	TDK
Environmental Compliance	<div><div>RoHS</div><div>REACH</div><div>Lead Free</div></div>



Size	
Length(L)	12.80mm ±0.50mm
Width(W)	12.50mm ±0.50mm
Thickness Height	6.00mm Max.
Recommended Land Pattern (A)	3.20mm Nom.
Recommended Land Pattern (B)	7.50mm Nom.
Recommended Land Pattern (C)	4.00mm Nom.

Electrical Characteristics	
Inductance	1μH ±30% at 100kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	18.5A (50% Down)
Rated Current (Temperature Rise) [Typ.]	14.4A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	2.8mΩ
DC Resistance [Max.]	3.36mΩ
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

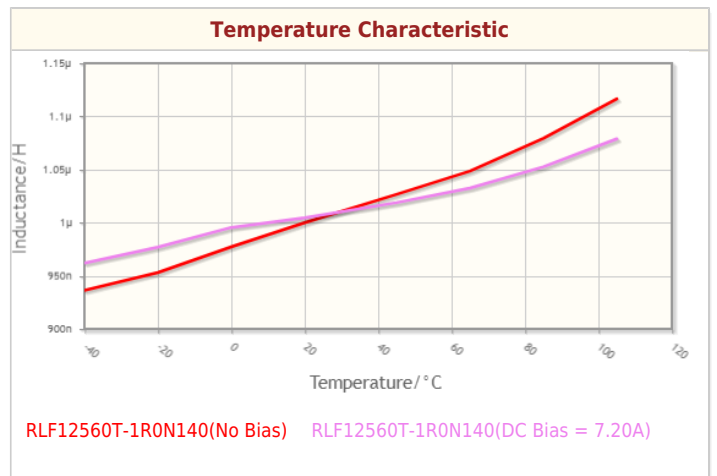
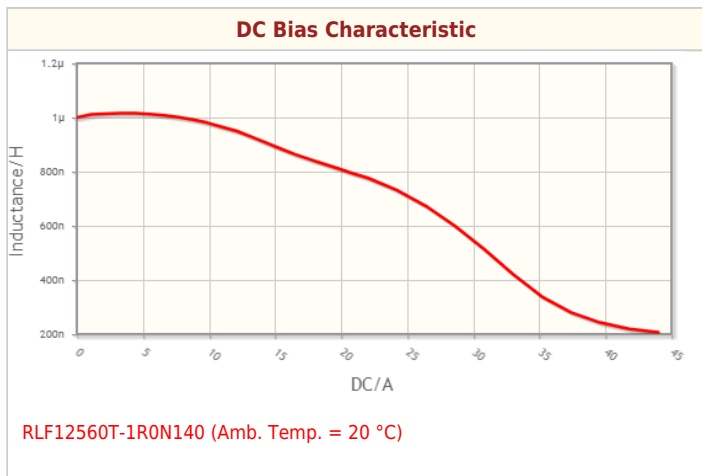
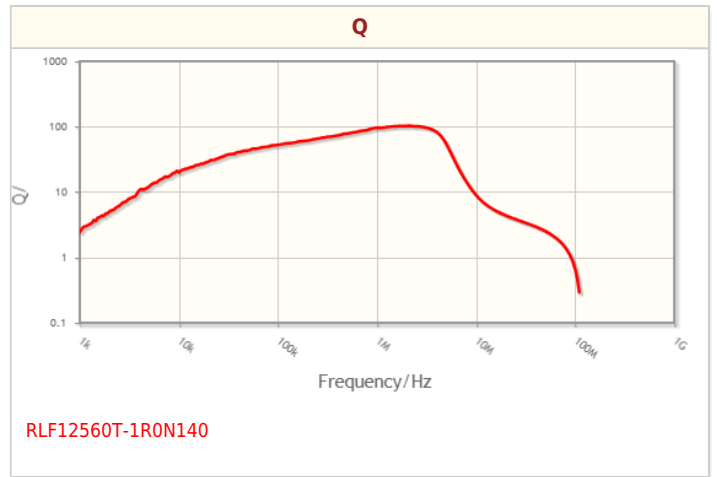
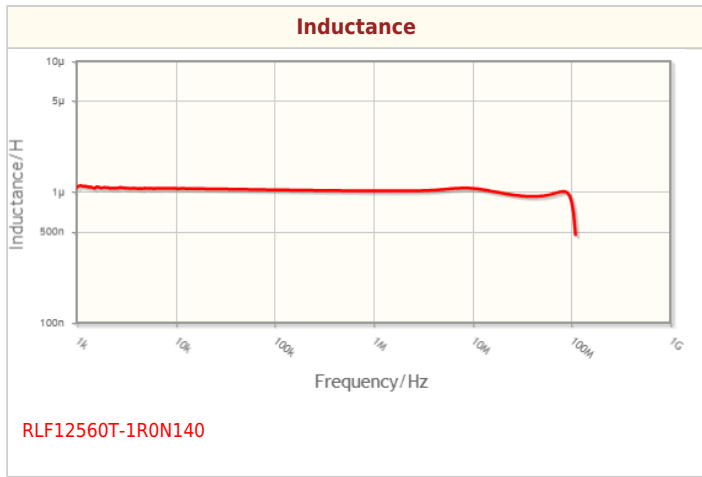
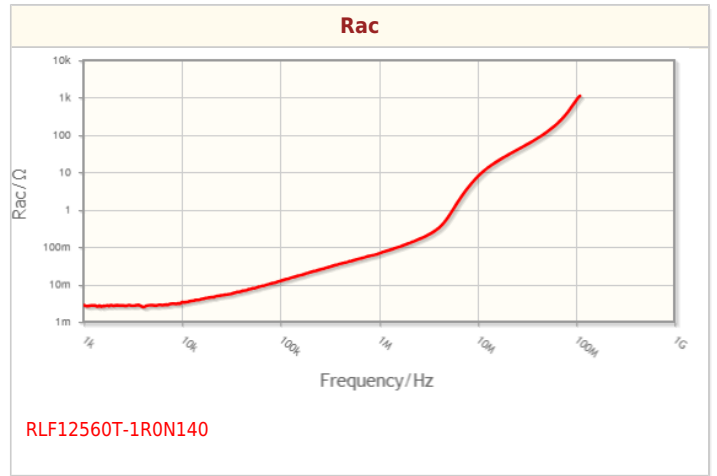
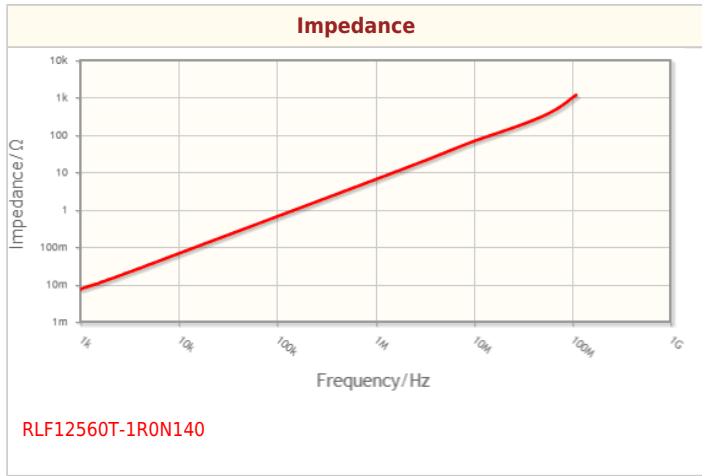
Other	
Operating Temp. Range	-40 to 105°C (Including Self-Temp. Rise)

! Images are for reference only and show exemplary products.
! This PDF document was created based on the data listed on the TDK Corporation website.
! All specifications are subject to change without notice.

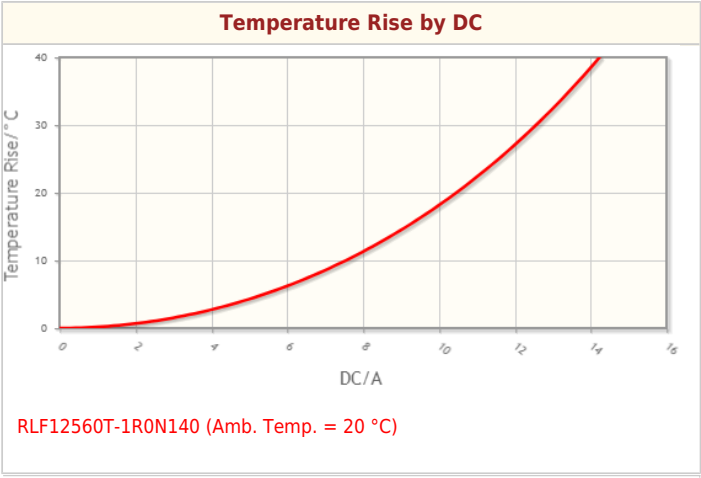
Soldering Method	Reflow Iron Soldering
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [330mm Reel]
Package Quantity	500pcs
Weight	4g

RLF12560T-1R0N140

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



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Associated Images

