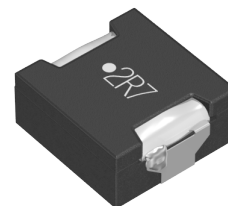


<b>Applications</b>	Commercial Grade
<b>Feature</b>	<div>Wire Wound</div> <div>Wire Wound</div> <div>Shield</div> <div>Magnetic Shield</div> <div>Ferrite Core</div> <div>Ferrite Core</div>
<b>Series   Type</b>	RLF
<b>Status</b>	<div> Obsolete</div> <div>Recommended Alternate Part No. : <a href="#">CLF12555T-1R0N-D</a> (Interchangeability is not guaranteed.)</div> <div>Discontinue Issue Date : May.28, 2020</div> <div>Last Purchase Order Date : Mar.31, 2022</div> <div>Last Shipment Date : Sep.30, 2022</div>
<b>Brand</b>	TDK



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.

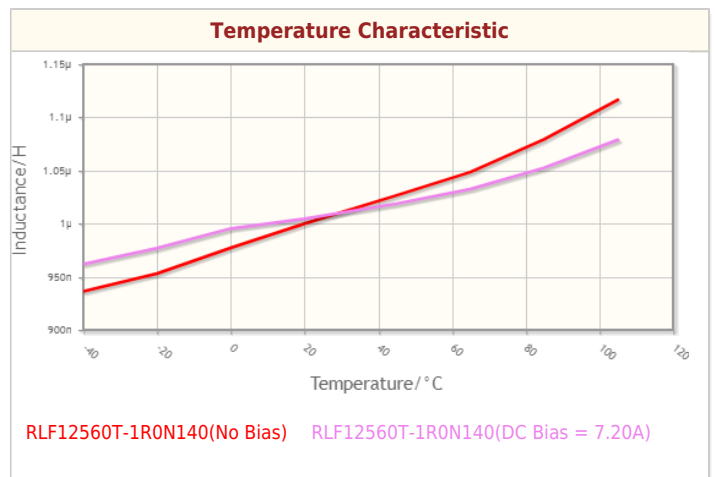
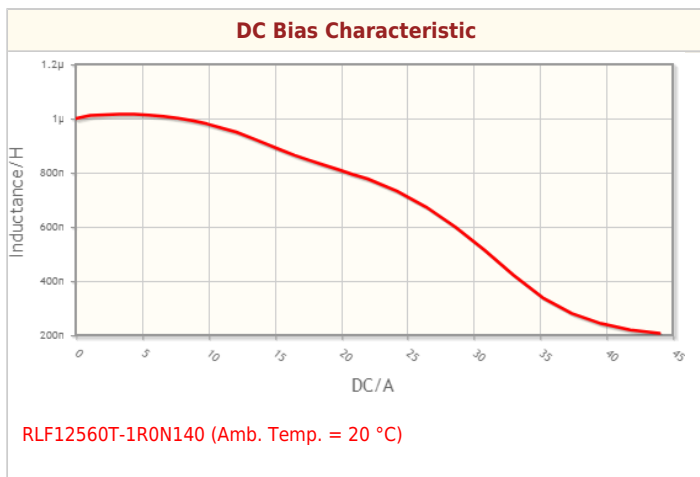
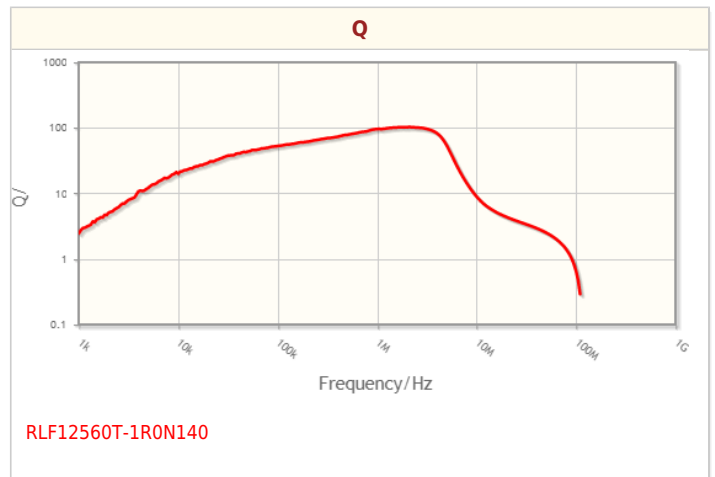
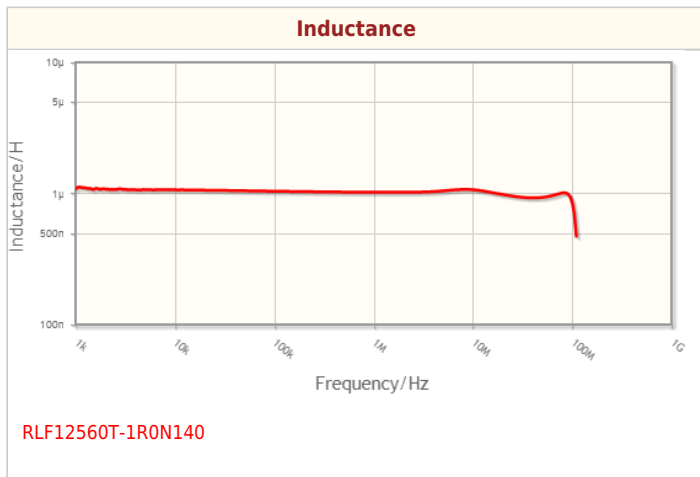
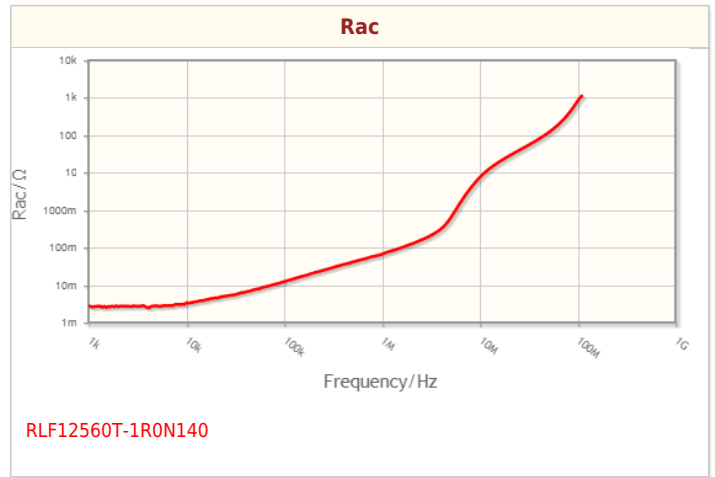
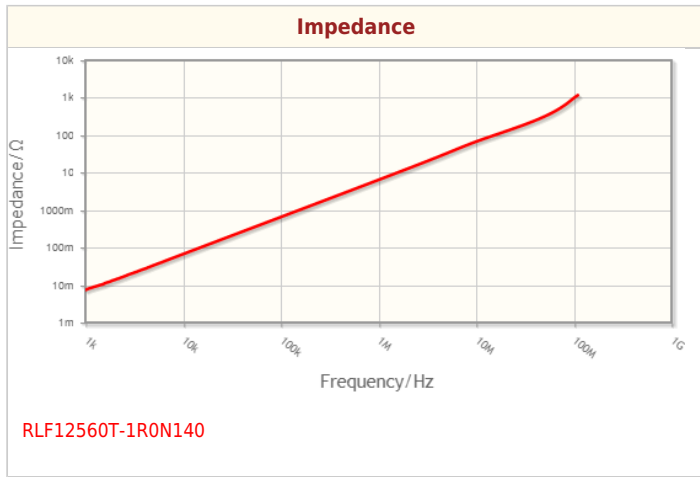
Electrical Characteristics	
Inductance	1μH ±30% at 100kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	18.5A (50% Down)
Rated Current (Temperature Rise) [Typ.]	14.4A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	2.8mΩ
DC Resistance [Max.]	3.36mΩ
Self Resonant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

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105°C
Soldering Method	Reflow Iron Soldering
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [330mm Reel]

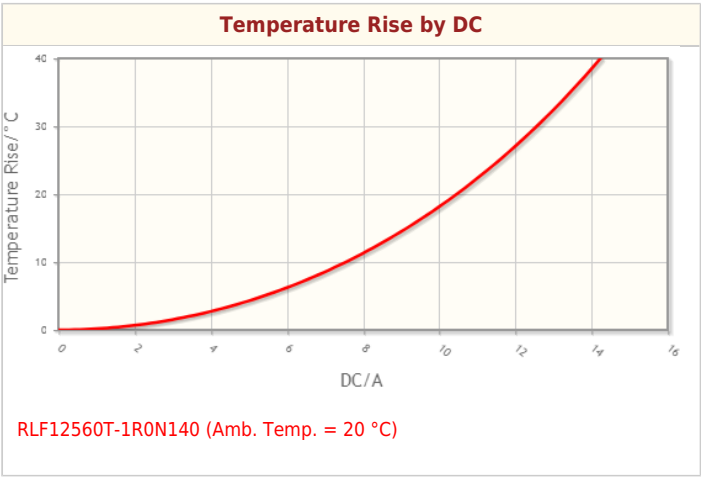
! Images are for reference only and show exemplary products.  
! This PDF document was created based on the data listed on the TDK Corporation website.  
! All specifications are subject to change without notice.

Package Quantity	500pcs
Weight	4g

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



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



# Associated Images

