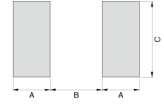


Applications	Automotive Grade
Feature	AEC-Q200
	Wire Wound
	Magnetic Shield
	Ferrite Core
Series Type	RLF-D
Status	Production (Not Recommended for New Design)
	Recommended Alternate Part No. : CLF10040T-151M-D (Interchangeability is not guaranteed.)
Brand	TDK



Dimensions in mm

Size	
Length(L)	10.20mm ±0.40mm
Width(W)	10.00mm ±0.30mm
Thickness Height	6.00mm ±0.40mm
Recommended Land Pattern (A)	2.50mm Nom.
Recommended Land Pattern (B)	5.60mm Nom.
Recommended Land Pattern (C)	3.20mm Nom.

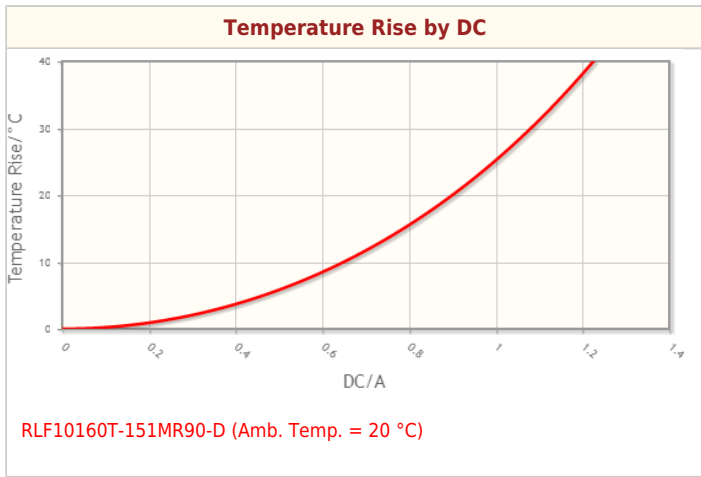
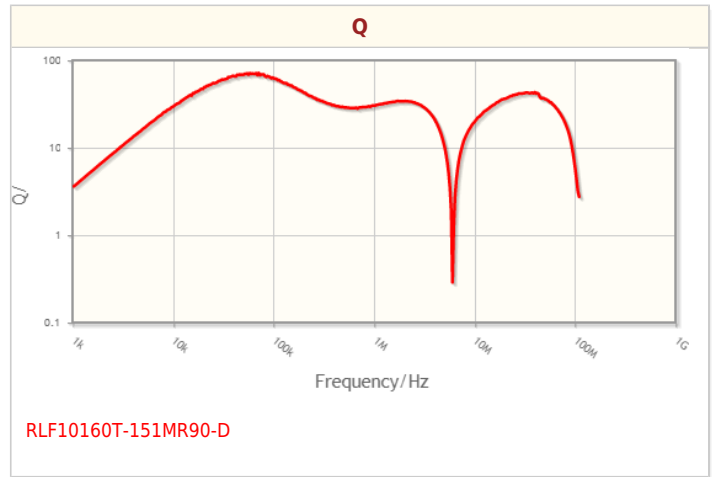
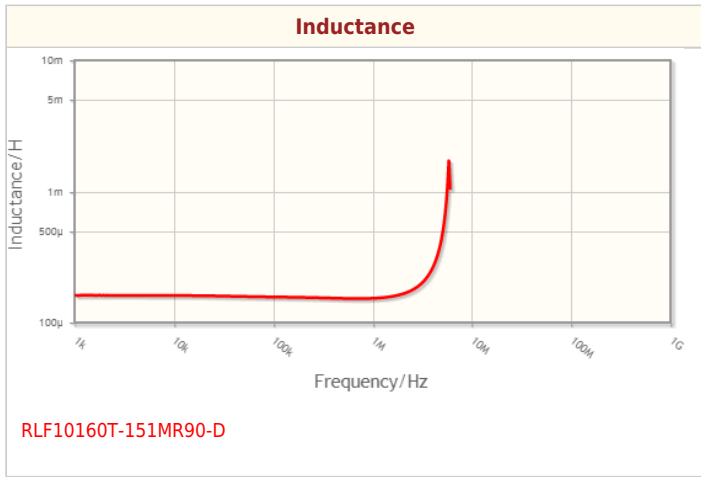
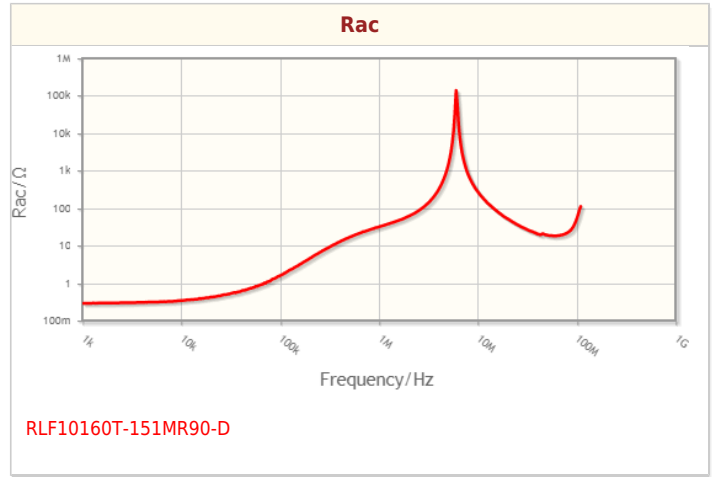
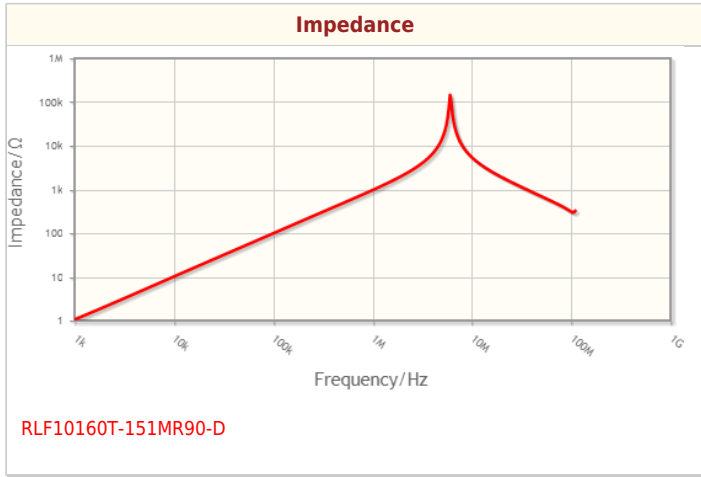
Electrical Characteristics	
Inductance	150µH ±20% at 100kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	1.3A (30% Down)
Rated Current (Temperature Rise) [Typ.]	900mA (20°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	277mΩ
DC Resistance [Max.]	332.4mΩ
Self 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	Embossed (Plastic)Taping [330mm Reel]
Package Quantity	500pcs

! 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.

Weight	2.6g
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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