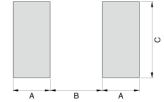


Applications	Automotive Grade
Feature	<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 2px;">AEC-Q200</div> AEC-Q200 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 2px; background-color: #f08080;">Wire Wound</div> Wire Wound <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 2px; background-color: #90ee90;">Shield</div> Magnetic Shield <div style="border: 1px solid black; padding: 2px; display: inline-block; background-color: #a9a9a9;">Ferrite Core</div> Ferrite Core
Series Type	RLF-D
Status	Production (Not Recommended for New Design) Recommended Alternate Part No. : CLF7045T-4R7N-D (Interchangeability is not guaranteed.)
Brand	TDK



Dimensions in mm

Size	
Length(L)	7.30mm ±0.30mm
Width(W)	6.80mm ±0.20mm
Thickness Height	4.60mm ±0.20mm
Recommended Land Pattern (A)	2.00mm Nom.
Recommended Land Pattern (B)	3.90mm Nom.
Recommended Land Pattern (C)	2.20mm Nom.

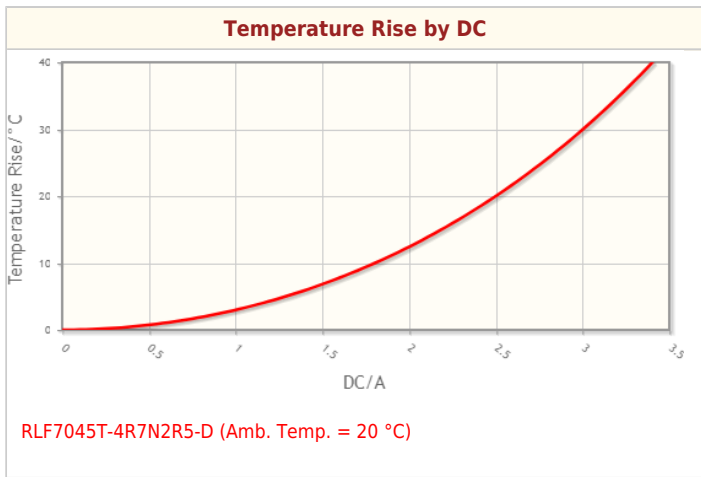
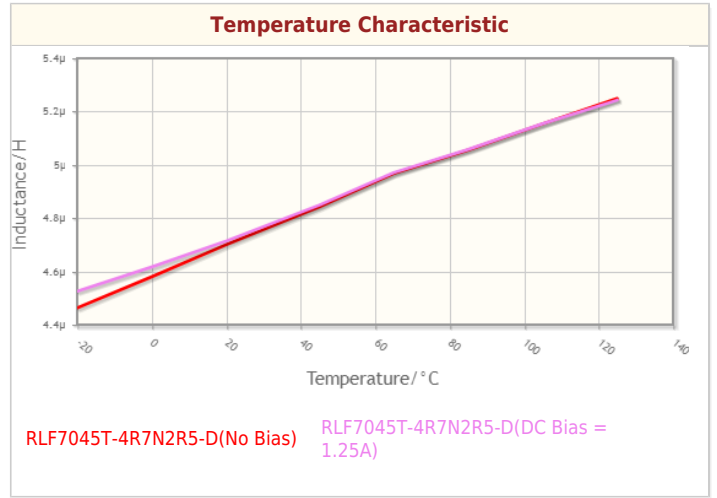
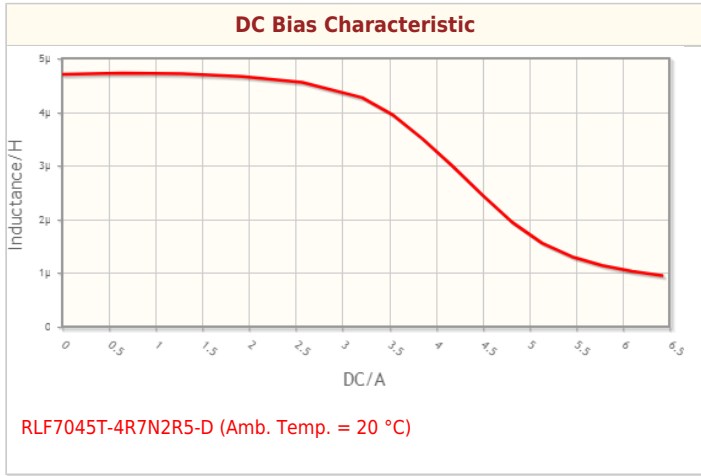
Electrical Characteristics	
Inductance	4.7µH ±30% at 100kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	3.3A (30% Down)
Rated Current (Temperature Rise) [Typ.]	2.5A (20°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	30mΩ
DC Resistance [Max.]	36mΩ
Self Resonant 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	1000pcs

! 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.

0.8g

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



! 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.