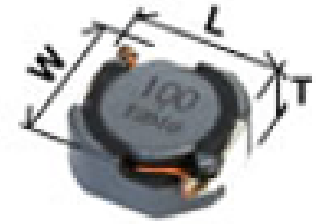


CLF6045T-2R2N-D



Applications	Automotive Grade
Feature	<p> AEC-Q200</p> <p> Wire Wound</p> <p> Ferrite Core</p> <p> Magnetic Shield</p>
Series	CLF-D
Status	<p> Production (Recommended Alternate Part is available.)</p> <p>Recommended Alternate Part No. : CLF6045NIT-2R2N-D</p>



Size	
Length(L)	6.20mm +/-0.20mm
Width(W)	5.90mm +/-0.20mm
Thickness(T)	4.50mm +/-0.30mm
Recommended Land Pattern (A)	1.70mm Nom.
Recommended Land Pattern (B)	3.60mm Nom.
Recommended Land Pattern (C)	2.20mm Nom.

Electrical Characteristics	
Inductance	2.2μH +/-30% at 100kHz
Rated Current (L Change) [Typ.]	3.9A (10% Down)
Rated Current (L Change) [Max.]	
Rated Current (Temperature Rise) [Typ.]	4A (30°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Nom.]	15mΩ
DC Resistance [Max.]	19.5mΩ
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

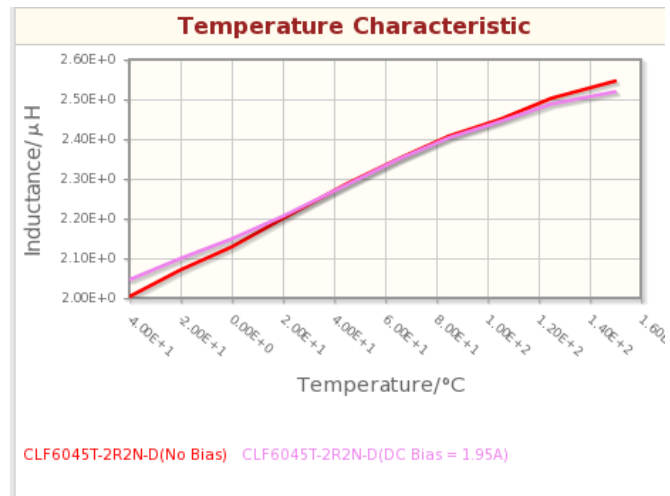
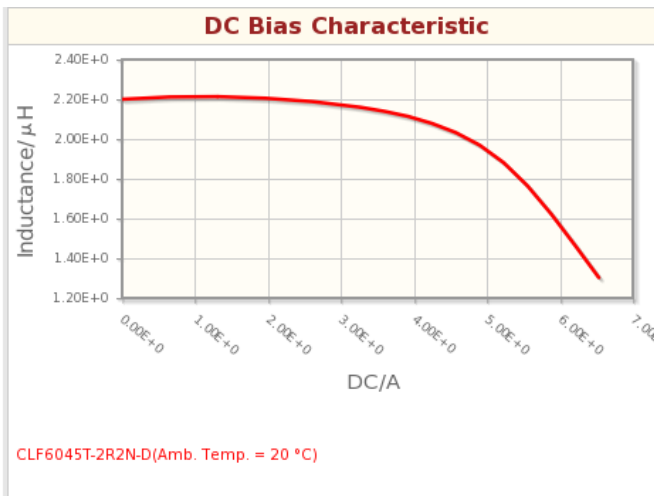
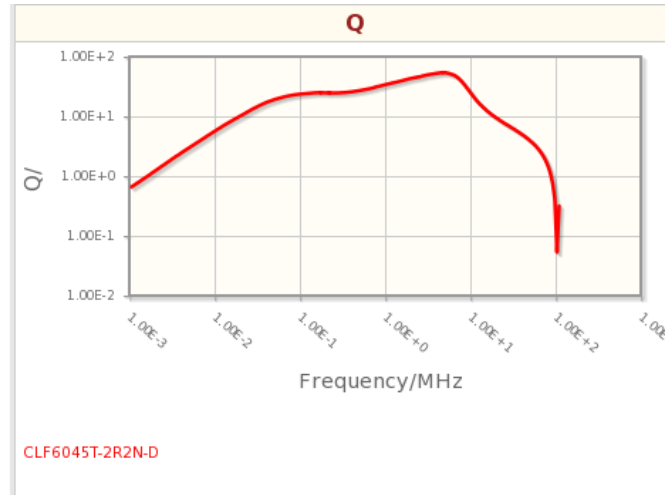
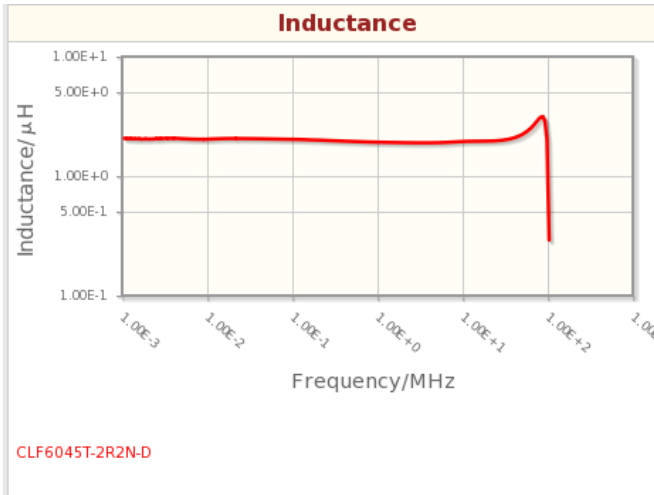
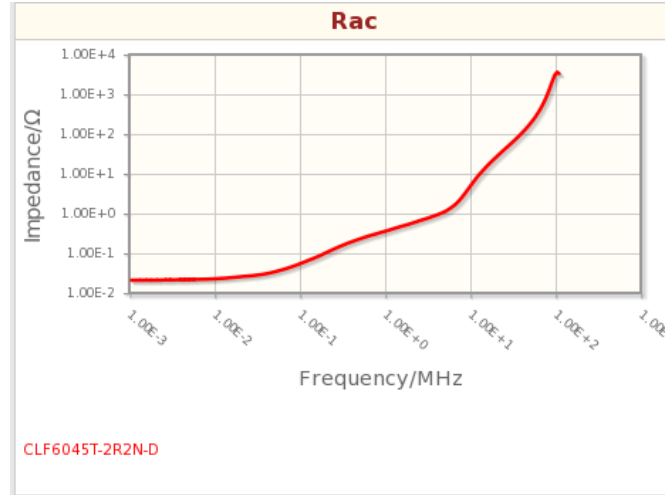
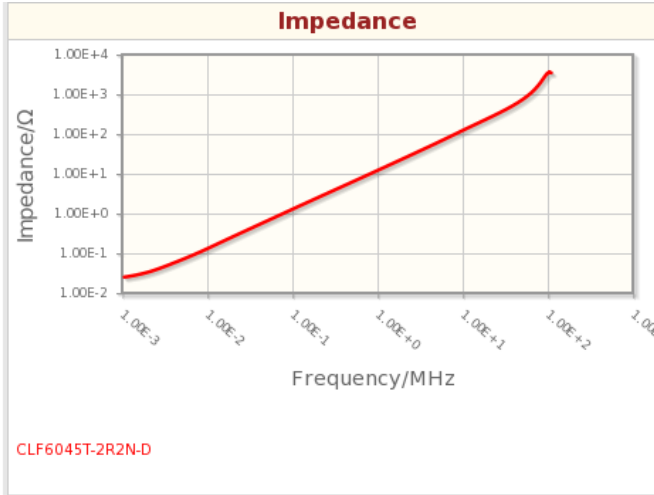
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 150°C
Soldering Method	Reflow
	Iron Soldering
AEC-Q200	Yes
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	1000pcs
Weight	0.6g

! This PDF document was created based on the data listed on the TDK Corporation website
! All specifications are subject to change without notice.

CLF6045T-2R2N-D



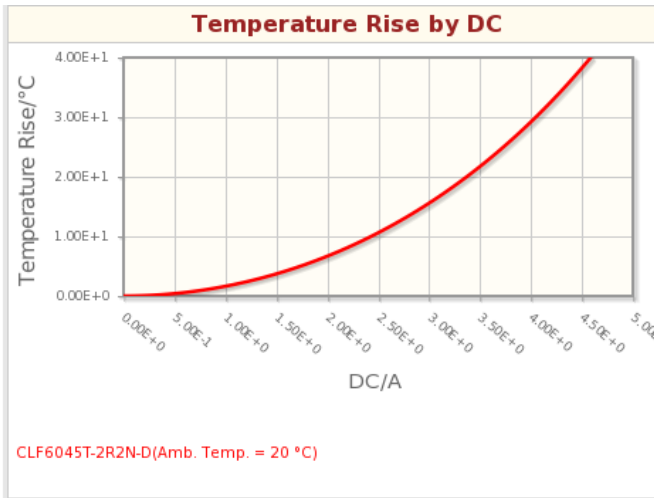
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



CLF6045T-2R2N-D



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





Associated Images

