

Applications



Commercial Grade

Feature

Wire Wound

Wire Wound

Shield

Magnetic Shield

Ferrite Core

Ferrite Core

Series | Type

VLP



Obsolete

Recommended Alternate Part No. : [VLS6045EX-2R2N](#) (Interchangeability is not guaranteed.)

Status

Discontinue Issue Date : May.18, 2017

Last Purchase Order Date : Mar.29, 2019

Last Shipment Date : Sep.30, 2019

Brand

TDK



Size

Length(L)	8.60mm Max.
Width(W)	8.70mm Max.
Thickness Height	4.00mm Max.
Recommended Land Pattern (A)	3.30mm Nom.
Recommended Land Pattern (B)	1.40mm Nom.
Recommended Land Pattern (C)	8.20mm Nom.

Electrical Characteristics

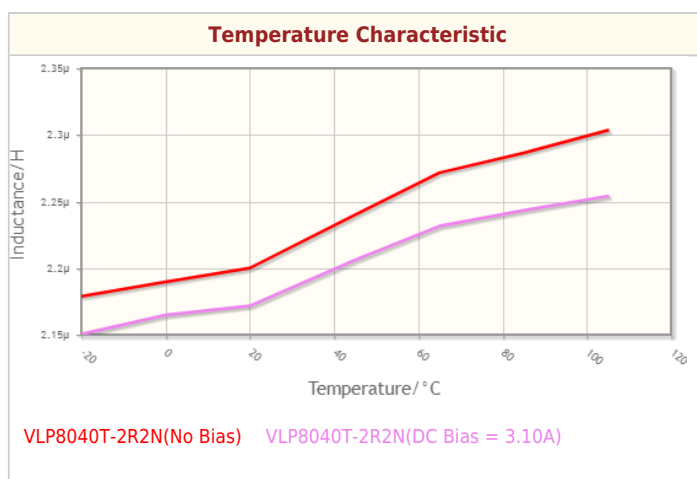
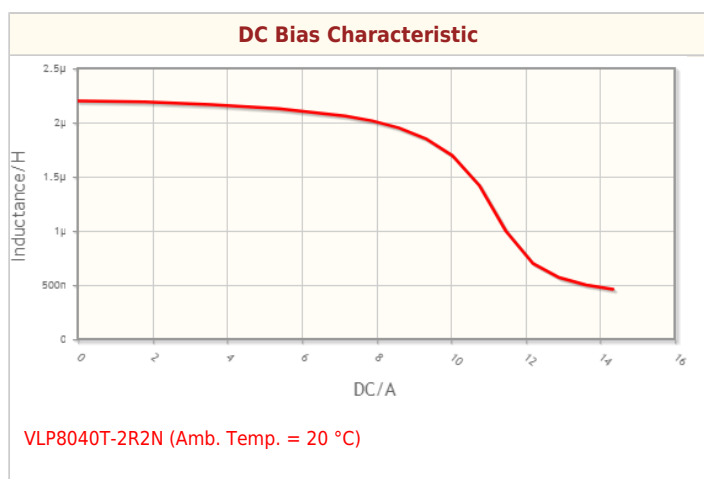
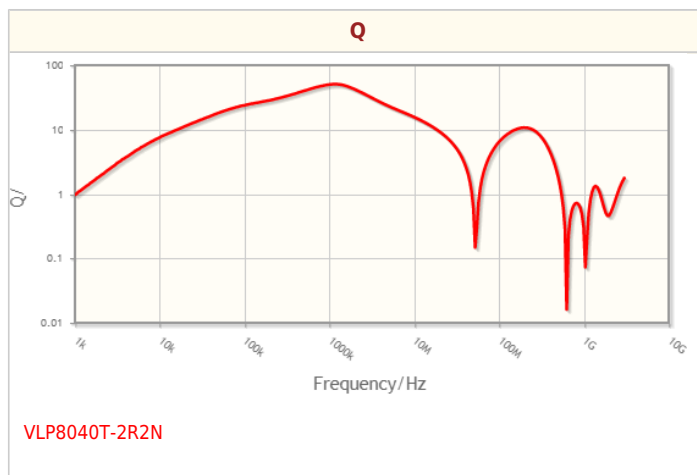
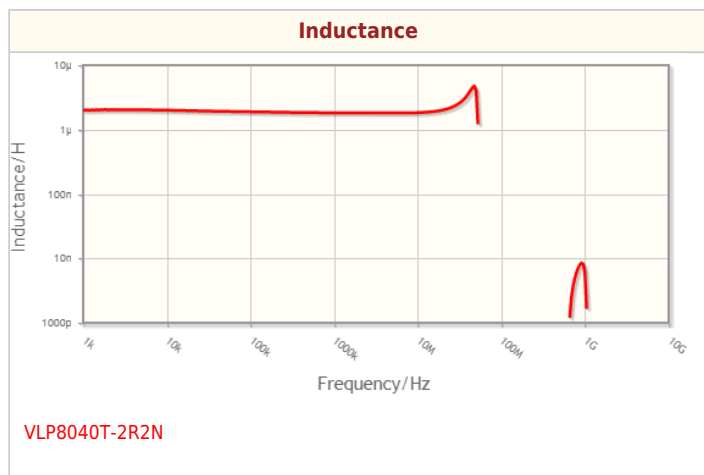
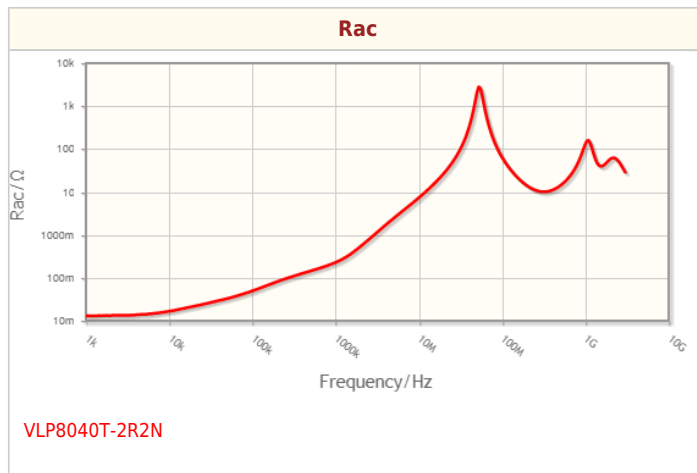
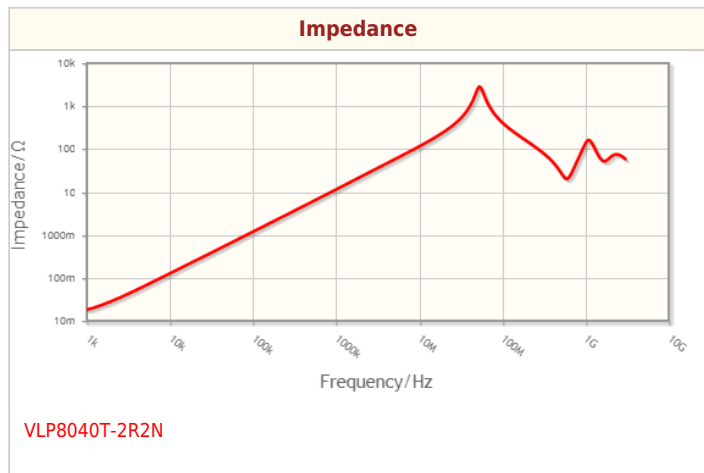
Inductance	2.2μH ±30% at 100kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	6.7A (30% Down)
Rated Current (Temperature Rise) [Typ.]	6.2A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	12mΩ
DC Resistance [Max.]	15mΩ
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

Other

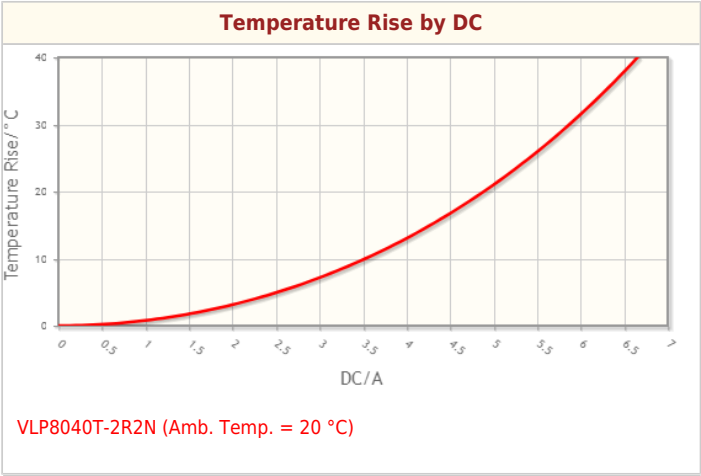
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105°C
Soldering Method	Reflow
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [330mm Reel]
Package Quantity	1000pcs
Weight	0.84g

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.

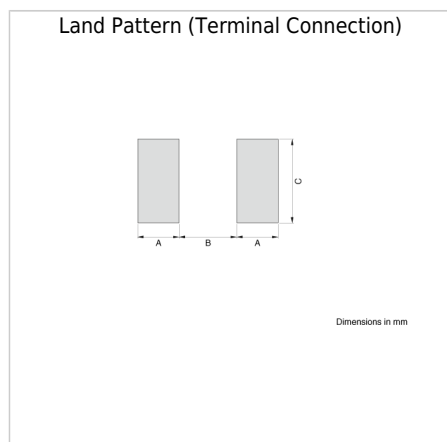
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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



Associated Images



! 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.

Copyright(c) TDK Corporation. All rights reserved.

Downloaded from [Arrow.com](https://arrow.com)