

Applications	Commercial Grade
Feature	<div style="border: 1px solid red; padding: 2px; display: inline-block;">Wire Wound</div> Wire Wound <div style="border: 1px solid green; padding: 2px; display: inline-block;">Shield</div> Magnetic Shield <div style="border: 1px solid gray; padding: 2px; display: inline-block;">Ferrite Core</div> Ferrite Core
Series Type	VLP
Status	<div style="border: 1px solid red; padding: 2px; display: inline-block;">⚠</div> Obsolete Recommended Alternate Part No. : VLS6045EX-1R5N (Interchangeability is not guaranteed.) 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.

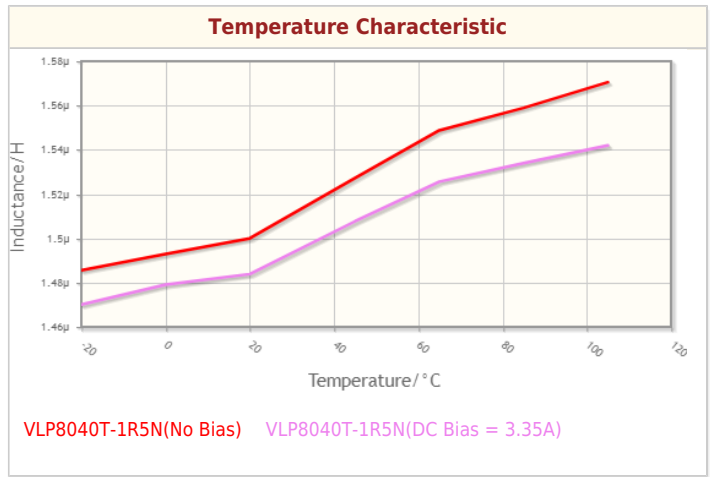
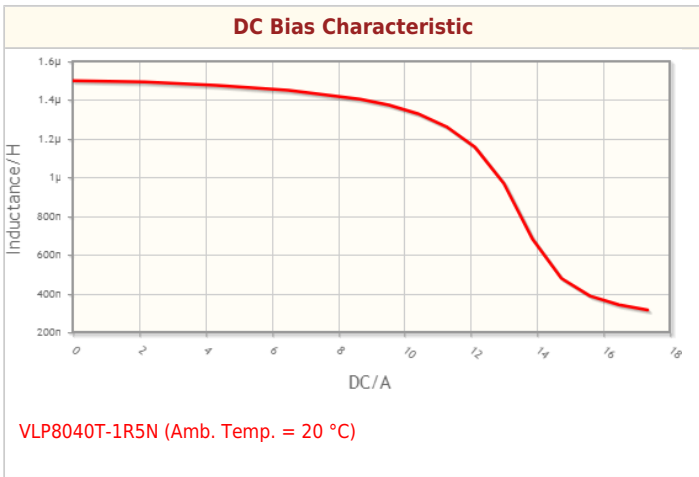
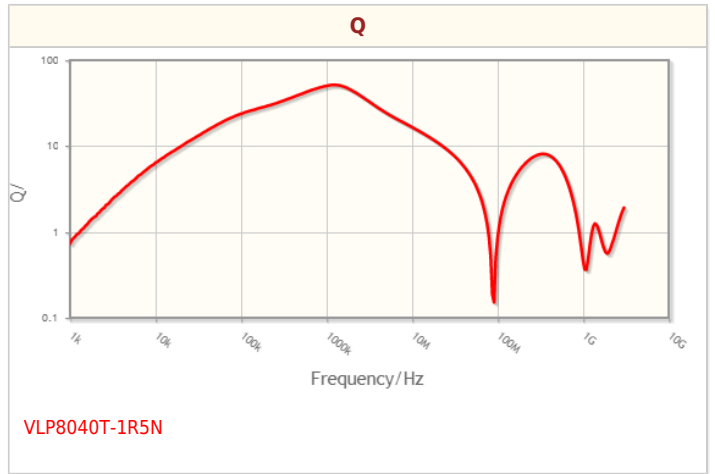
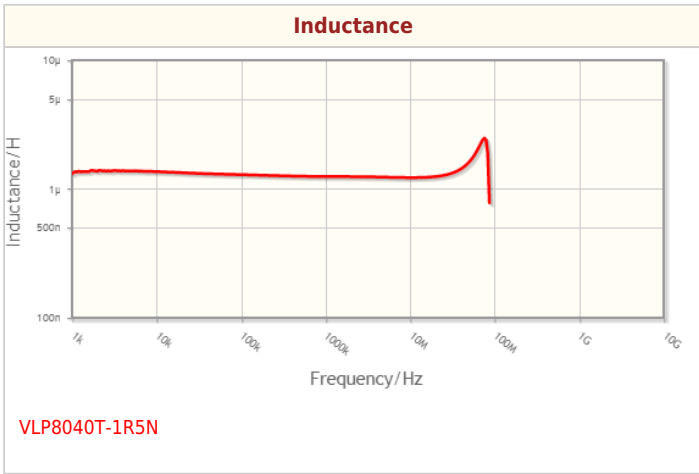
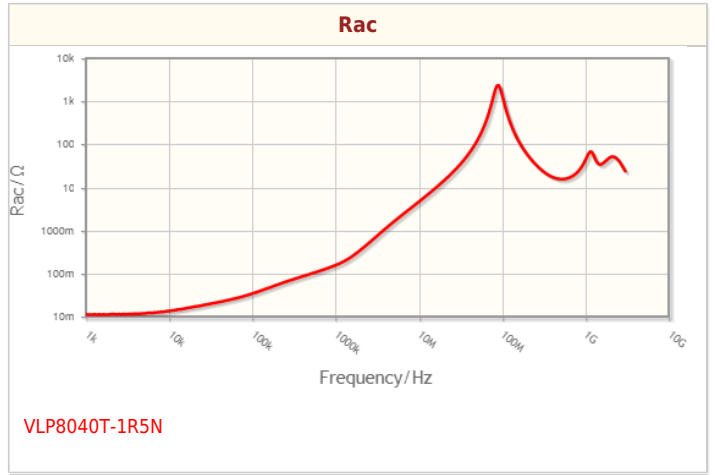
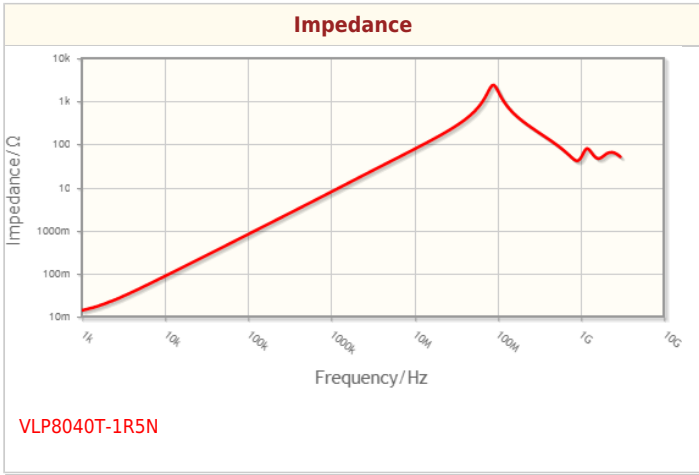
Electrical Characteristics	
Inductance	1.5μH ±30% at 100kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	7.8A (30% Down)
Rated Current (Temperature Rise) [Typ.]	6.7A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	10mΩ
DC Resistance [Max.]	13mΩ
Self Resonant 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]

! 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.

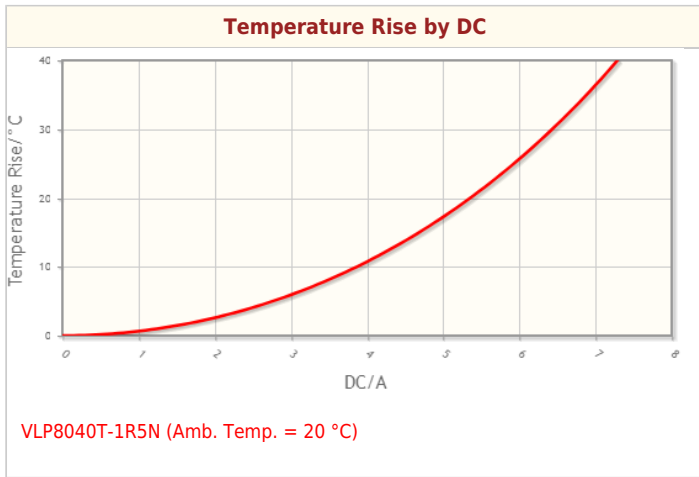
Package Quantity	1000pcs
Weight	0.84g

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

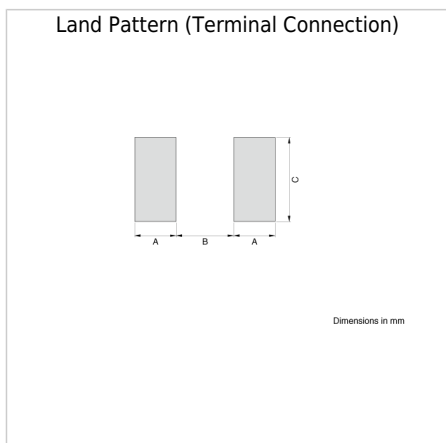


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Associated Images



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