

Applications	Commercial Grade
Feature	<div style="border: 1px solid red; padding: 2px; display: inline-block; margin-right: 5px;">Wire Wound</div> Wire Wound <div style="border: 1px solid green; padding: 2px; display: inline-block; margin-right: 5px; margin-top: 5px;">Shield</div> Magnetic Shield <div style="border: 1px solid gray; padding: 2px; display: inline-block; margin-top: 5px;">Ferrite Core</div> Ferrite Core
Series Type	VLP
Status	<div style="border: 1px solid red; padding: 2px; display: inline-block; margin-right: 5px;">⚠</div> Obsolete Recommended Alternate Part No. : VLS6045EX-100M (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)	6.80mm Max.
Width(W)	6.80mm Max.
Thickness Height	4.50mm Max.
Recommended Land Pattern (A)	2.55mm Nom.
Recommended Land Pattern (B)	1.40mm Nom.
Recommended Land Pattern (C)	6.60mm Nom.

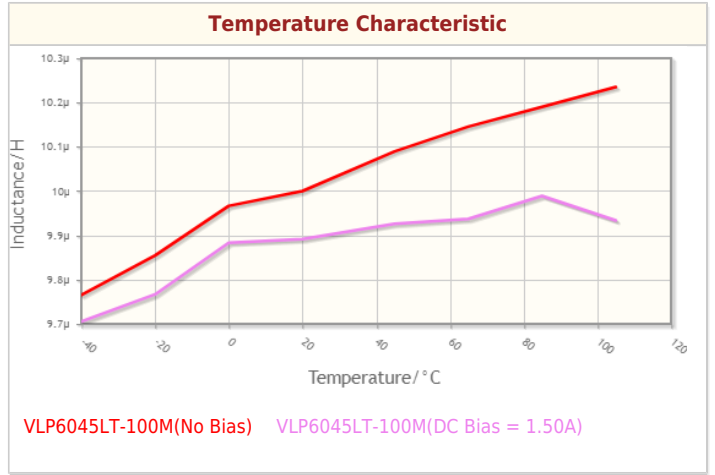
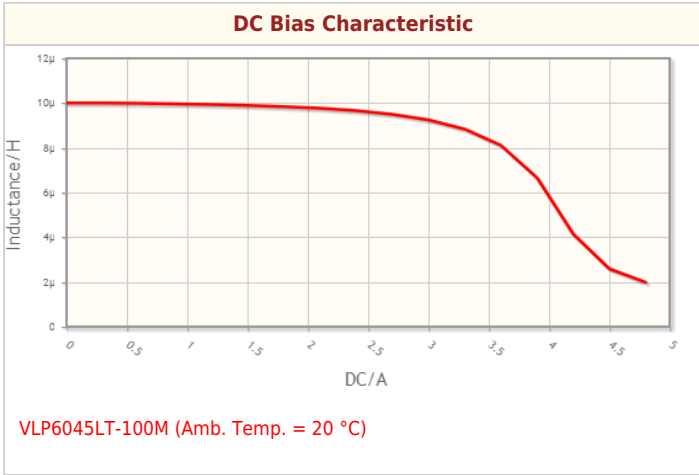
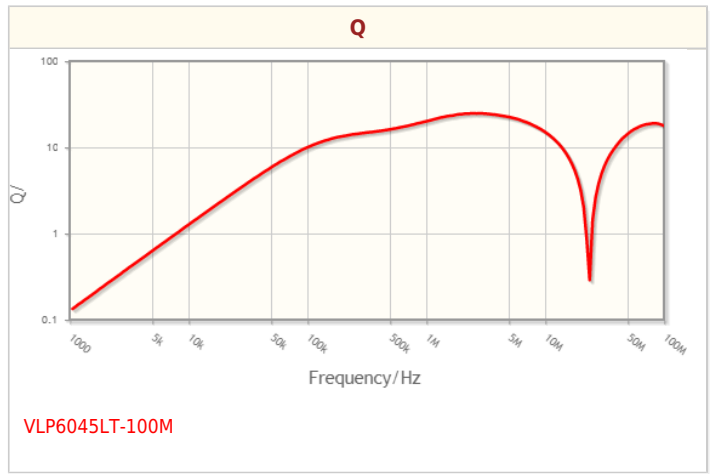
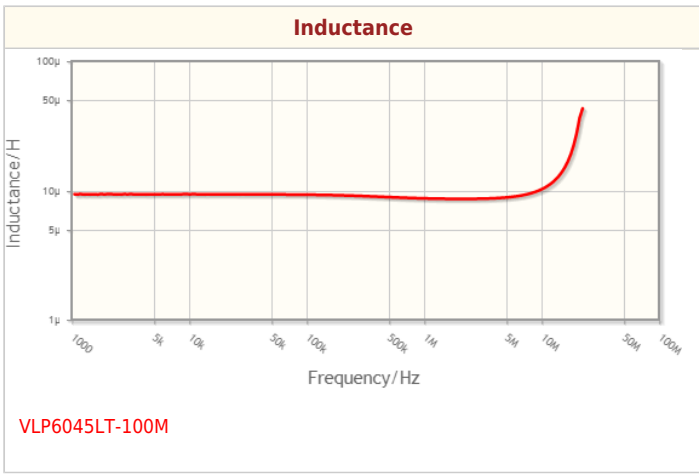
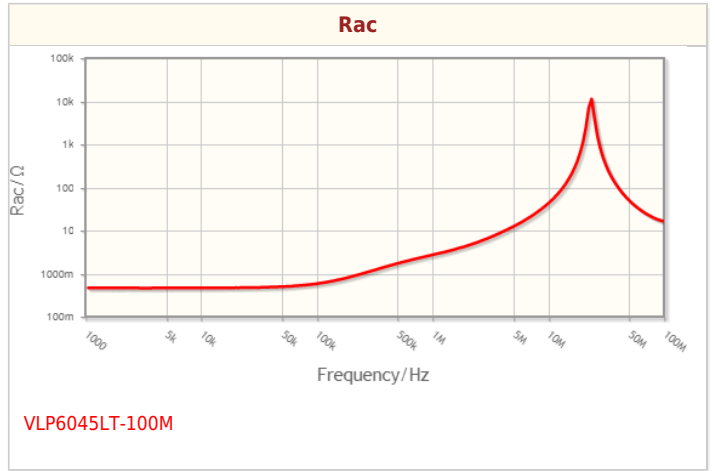
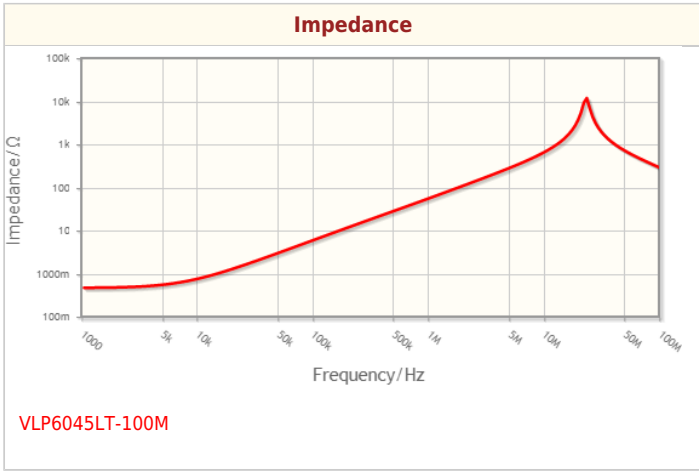
Electrical Characteristics	
Inductance	10μH ±20% at 100kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	3.2A (30% Down)
Rated Current (Temperature Rise) [Typ.]	3A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	55mΩ
DC Resistance [Max.]	72mΩ
Self Resonant 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.

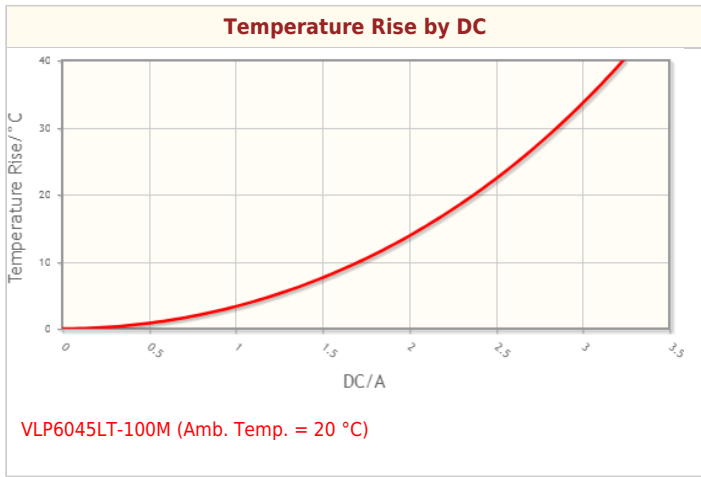
Package Quantity	1000pcs
Weight	0.536g

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



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Associated Images

