

Product Status	Obsolete
	Recommended Alternate Part No. : VLS6045EX-680M (Interchangeability is not guaranteed.)
	Discontinue Issue Date : May.18, 2017
	Last Purchase Order Date : Mar.29, 2019
	Last Shipment Date : Sep.30, 2019
Applications	Commercial Grade
Feature	Wire WoundWire Wound
	ShieldMagnetic Shield
	Ferrite CoreFerrite Core
Series Type	VLP
Brand	TDK
Environmental Compliance	RoHS REACH Halogen Free Lead Free



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.

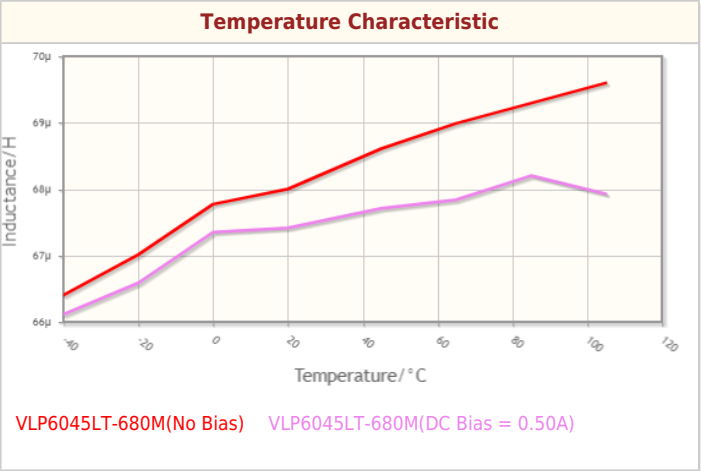
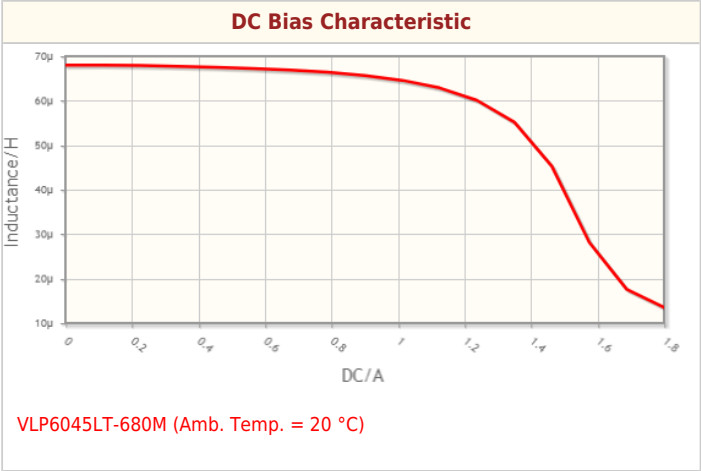
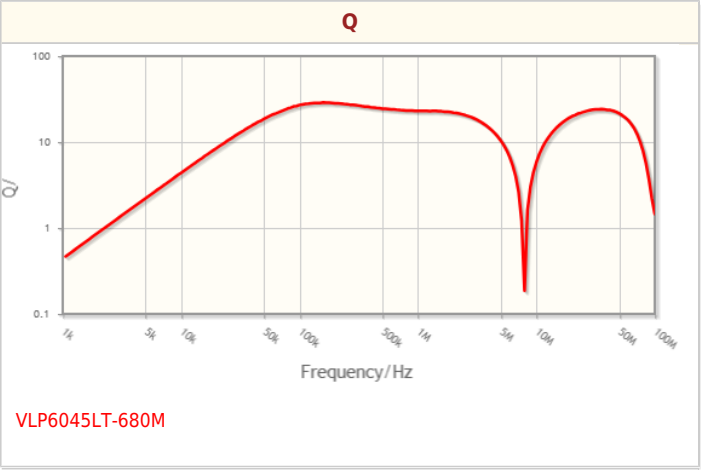
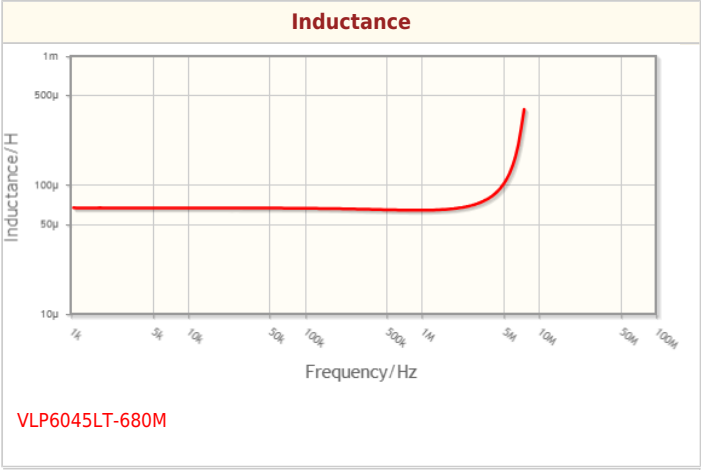
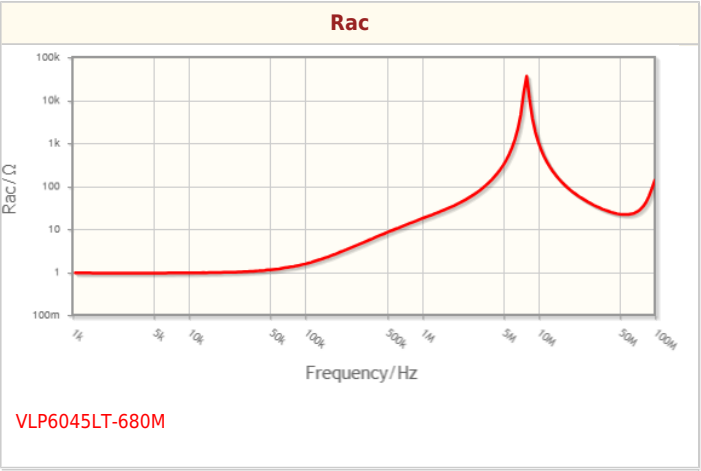
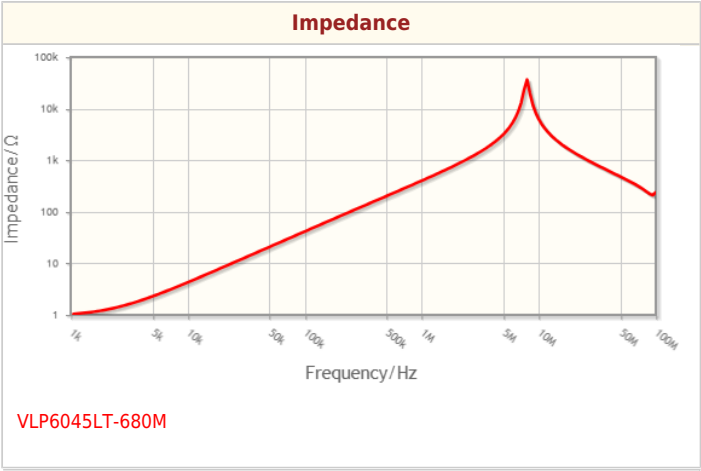
Electrical Characteristics	
Inductance	68μH ±20% at 100kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	1.1A (30% Down)
Rated Current (Temperature Rise) [Typ.]	1A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	350mΩ
DC Resistance [Max.]	455mΩ
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

Other	
Operating Temp. Range	-40 to 105°C (Including Self-Temp. Rise)

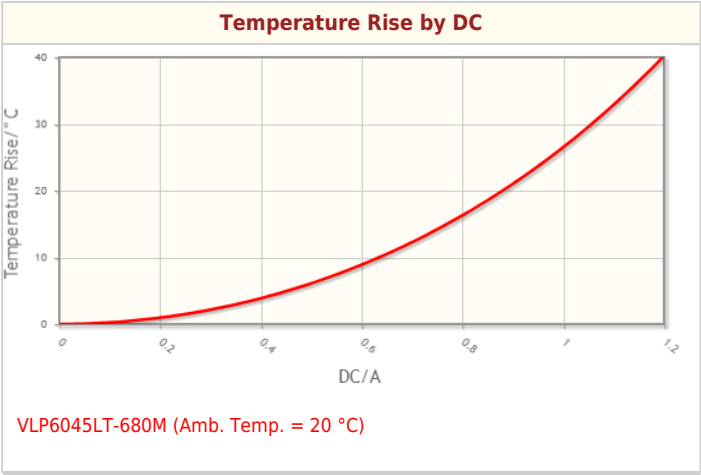
! Images are for reference only and show exemplary products.
! This PDF document was created based on the data listed on the TDK Corporation website.
! All specifications are subject to change without notice.

Soldering Method	Reflow
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [330mm Reel]
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

