

SLF10145T-680M1R2-PF



Applications



Commercial Grade

Feature



Magnetic Shield



Wire Wound



Ferrite Core

Series | Type

SLF

Status



Production

Brand

TDK



Size

Length(L)	10.10mm ±0.30mm
Width(W)	10.10mm ±0.30mm
Thickness Height	4.50mm ±0.30mm
Recommended Land Pattern (A)	2.50mm Nom.
Recommended Land Pattern (B)	5.60mm Nom.
Recommended Land Pattern (C)	3.20mm Nom.

Electrical Characteristics

Inductance	68μH ±20% at 1kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	1.2A (10% Down)
Rated Current (Temperature Rise) [Typ.]	1.3A (30°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	140mΩ
DC Resistance [Max.]	168mΩ
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 Iron Soldering
AEC-Q200	No
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	500pcs
Weight	1.3g

! Images are for reference only and show exemplary products.

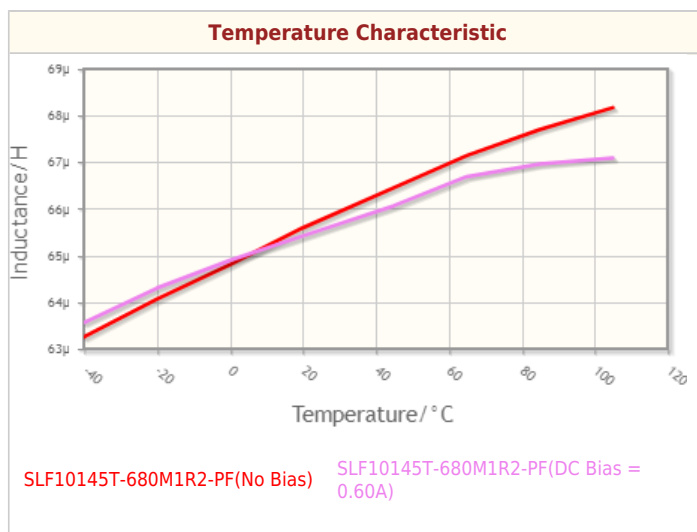
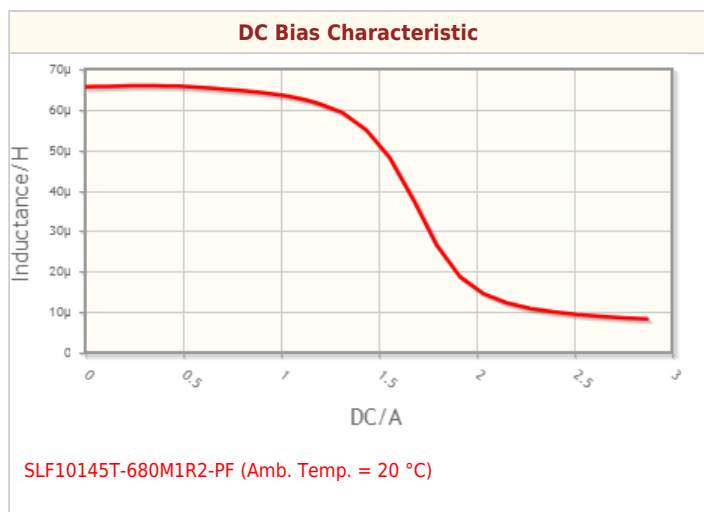
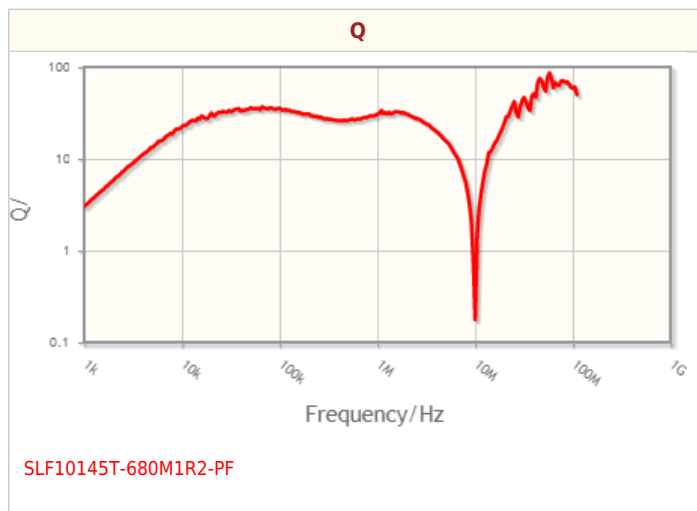
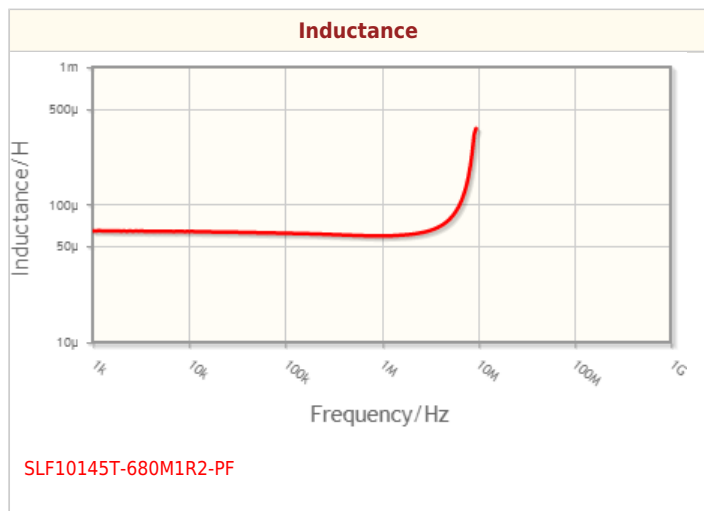
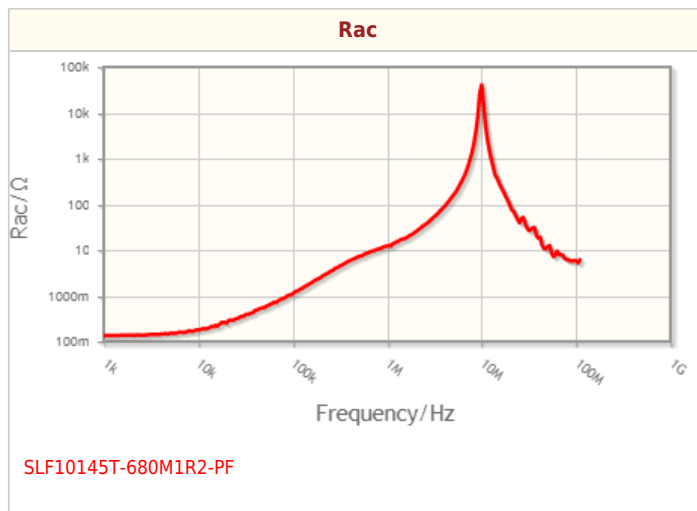
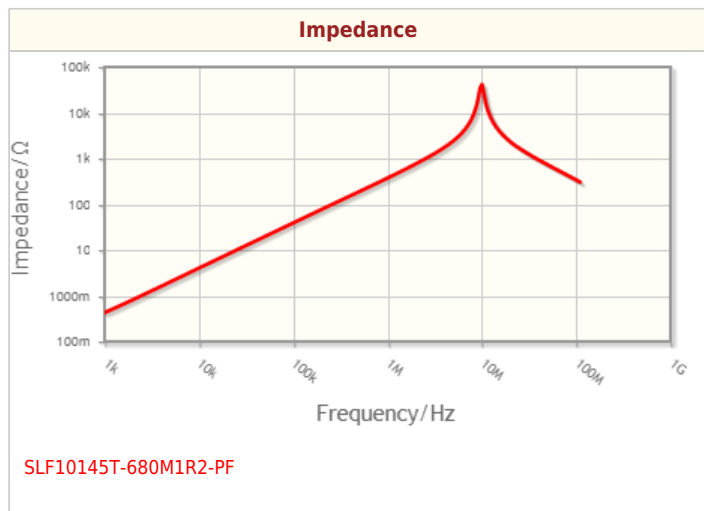
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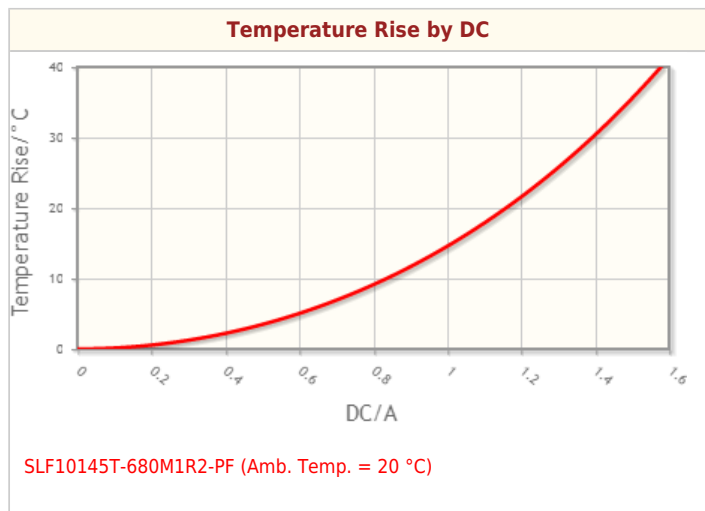
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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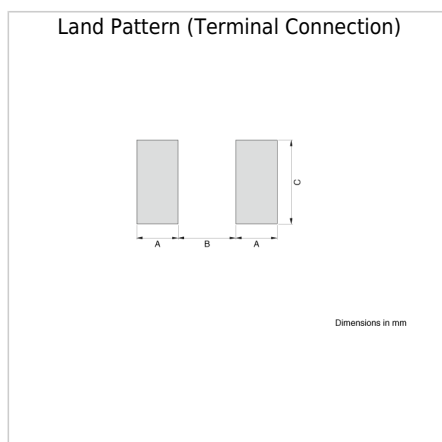
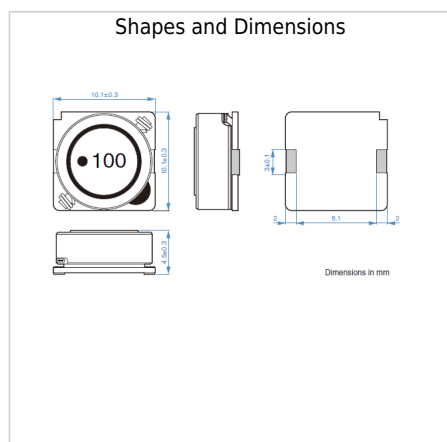
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Associated Images



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