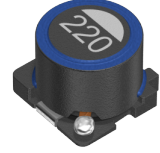


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Applications	Commercial Grade
Feature	<div style="border: 1px solid black; padding: 2px;">Shield</div> Magnetic Shield <div style="border: 1px solid black; padding: 2px;">Wire Wound</div> Wire Wound <div style="border: 1px solid black; padding: 2px;">Ferrite Core</div> Ferrite Core
Series Type	SLF
Status	Production (Not Recommended for New Design) Recommended Alternate Part No. : Contact
Brand	TDK



Size	
Length(L)	6.00mm ±0.20mm
Width(W)	6.00mm ±0.20mm
Thickness Height	4.50mm ±0.30mm
Recommended Land Pattern (A)	1.50mm Nom.
Recommended Land Pattern (B)	4.00mm Nom.
Recommended Land Pattern (C)	2.20mm Nom.

Electrical Characteristics	
Inductance	6.8μH ±30% at 100kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	2A (10% Down)
Rated Current (Temperature Rise) [Typ.]	2.8A (30°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	33mΩ
DC Resistance [Max.]	42.9mΩ
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

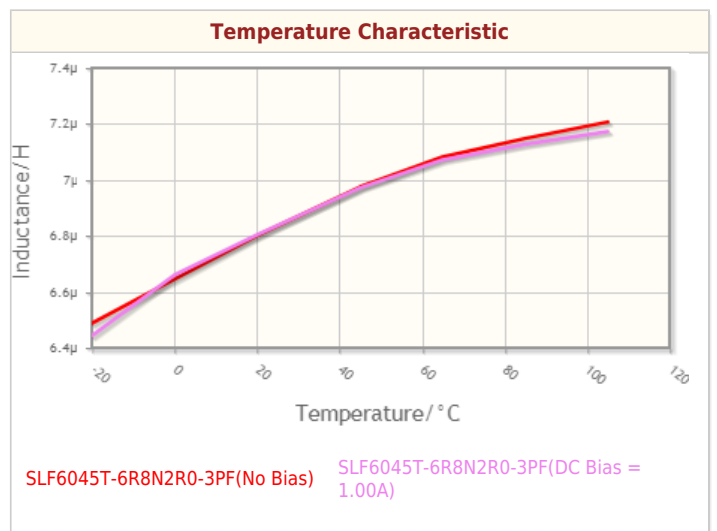
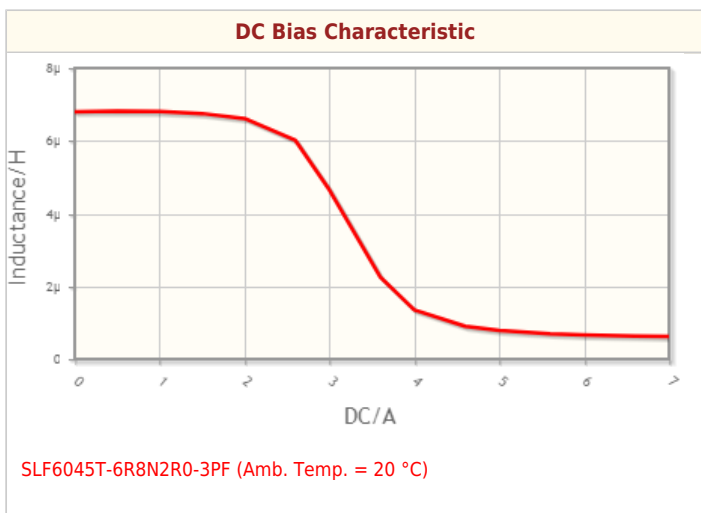
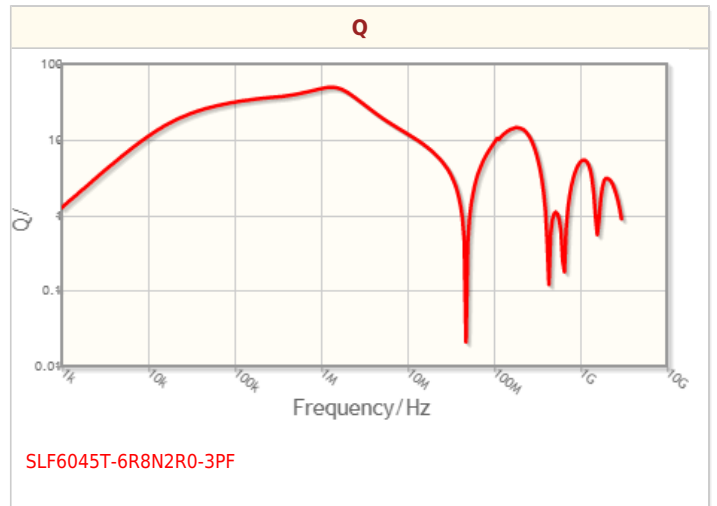
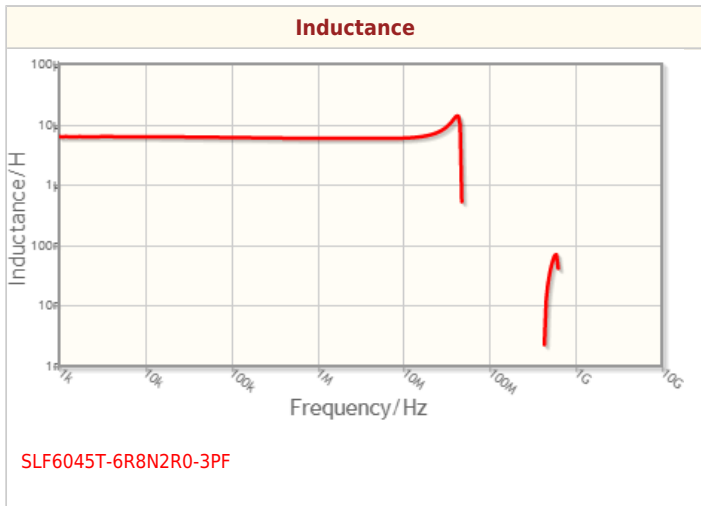
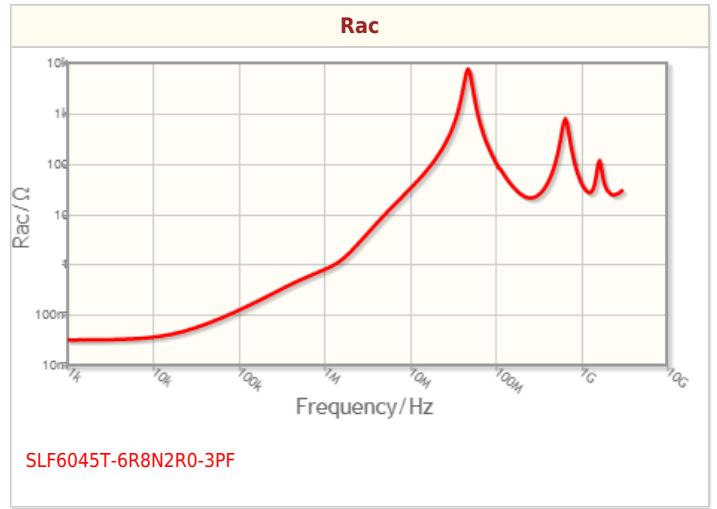
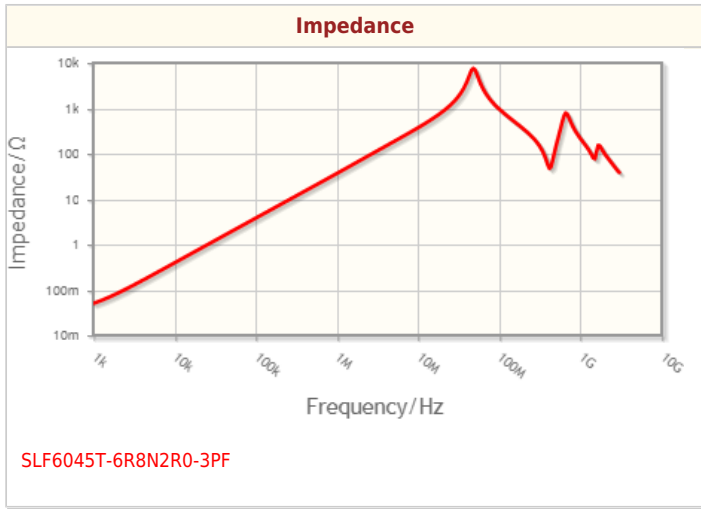
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105°C
Soldering Method	Reflow Iron Soldering
AEC-Q200	No
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	1000pcs
Weight	0.4g

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.

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

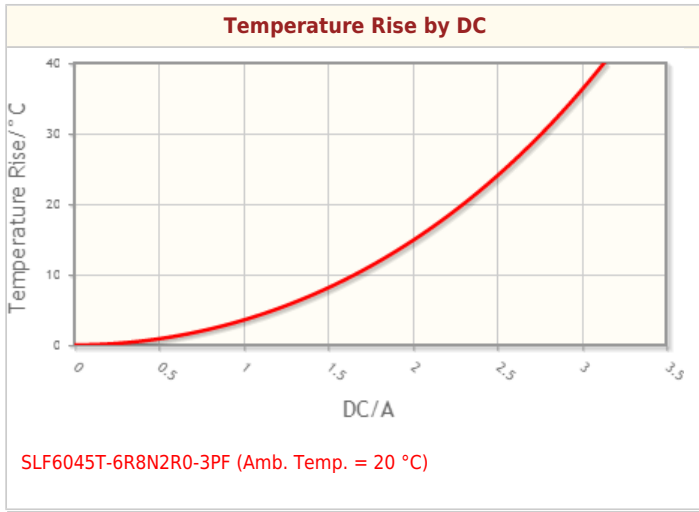


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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

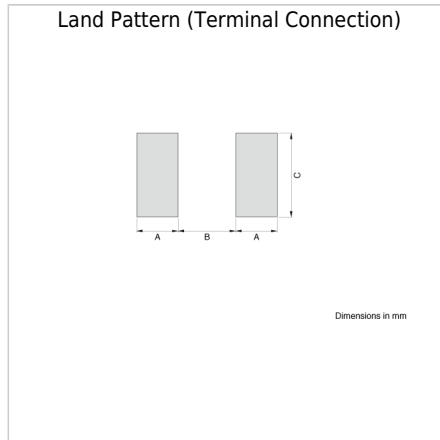
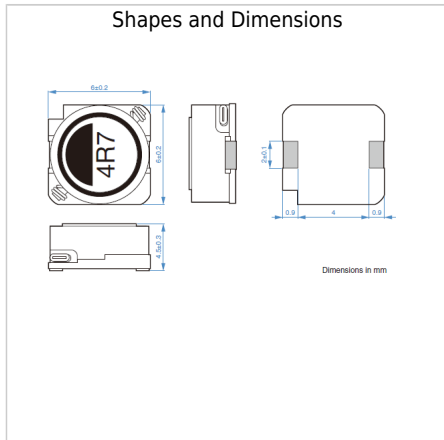


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Associated Images



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