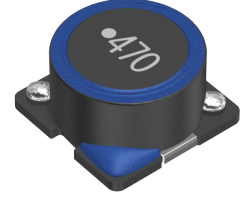


SLF12565T-150M4R2-PF



<b>Applications</b>	Commercial Grade
<b>Feature</b>	<span style="border: 1px solid red; padding: 2px;">Wire Wound</span> Wire Wound <span style="border: 1px solid green; padding: 2px;">Shield</span> Magnetic Shield <span style="border: 1px solid gray; padding: 2px;">Ferrite Core</span> Ferrite Core
<b>Series   Type</b>	SLF
<b>Status</b>	Production (Not Recommended for New Design) Recommended Alternate Part No. : <a href="#">CLF12555T-150M-D</a> (Interchangeability is not guaranteed.)
<b>Brand</b>	TDK



Size	
Length(L)	12.50mm ±0.30mm
Width(W)	12.50mm ±0.30mm
Thickness   Height	6.50mm ±0.35mm
Recommended Land Pattern (A)	2.60mm Nom.
Recommended Land Pattern (B)	8.50mm Nom.
Recommended Land Pattern (C)	3.20mm Nom.

Electrical Characteristics	
Inductance	15µH ±20% at 1kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	4.2A (10% Down)
Rated Current (Temperature Rise) [Typ.]	4.4A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	23.7mΩ
DC Resistance [Max.]	28.4mΩ
Rated Voltage [Max.]	
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	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.

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Package Quantity	500pcs
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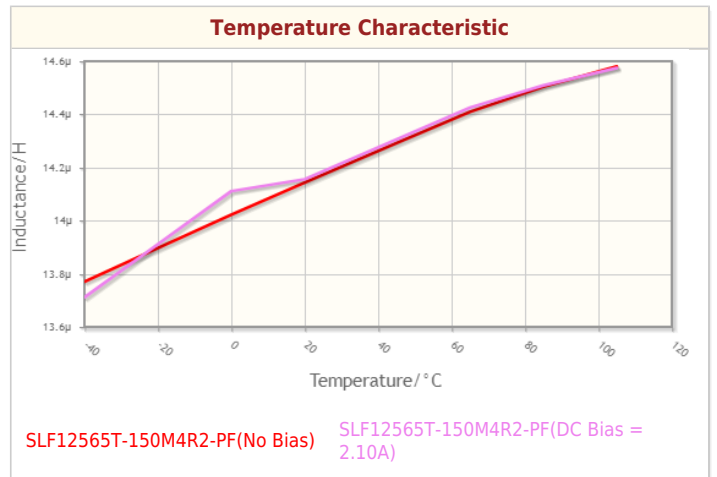
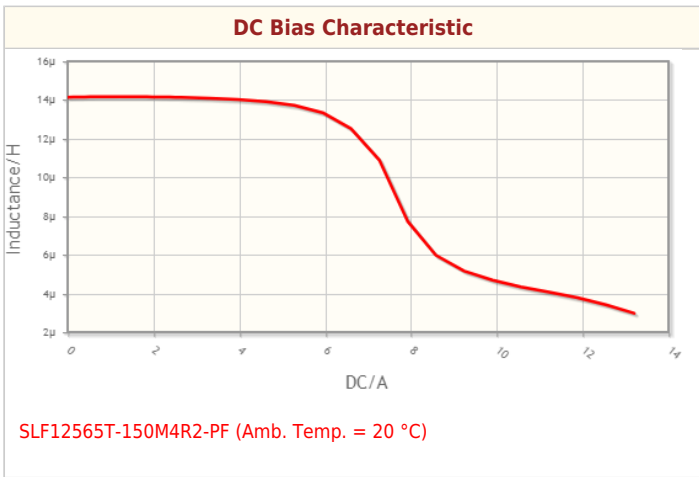
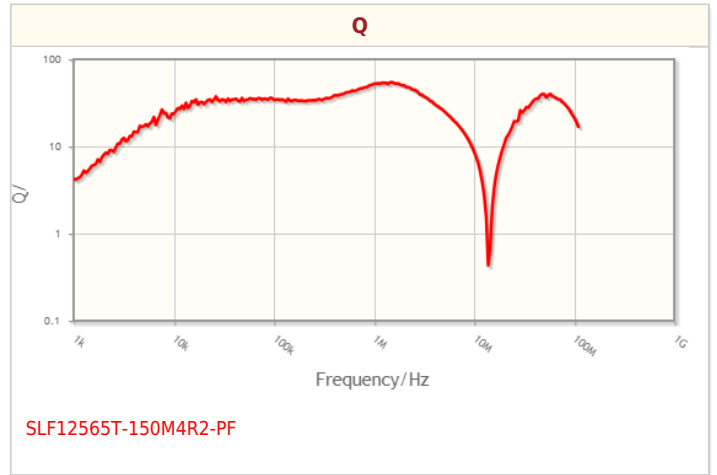
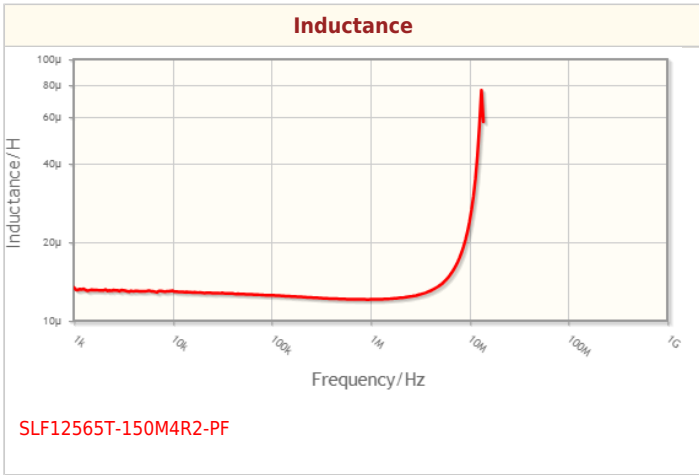
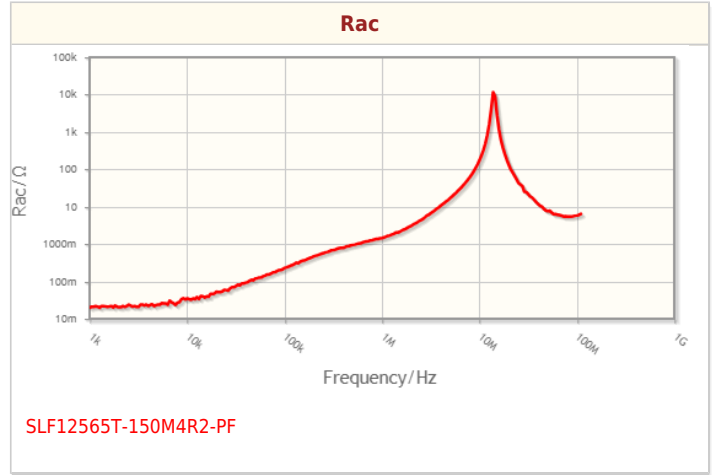
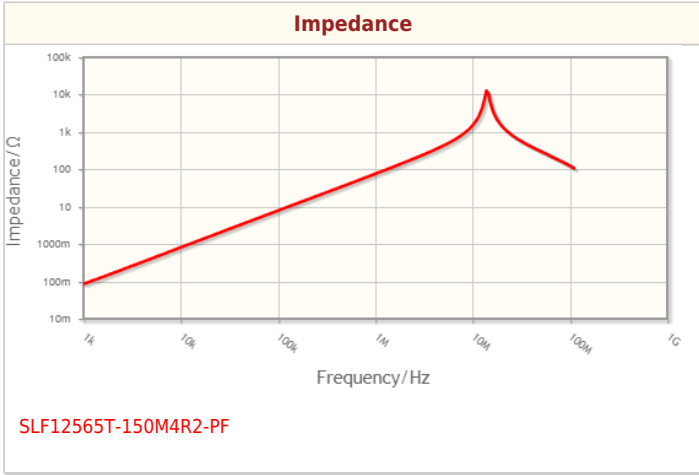
Weight	3.2g
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SLF12565T-150M4R2-PF



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

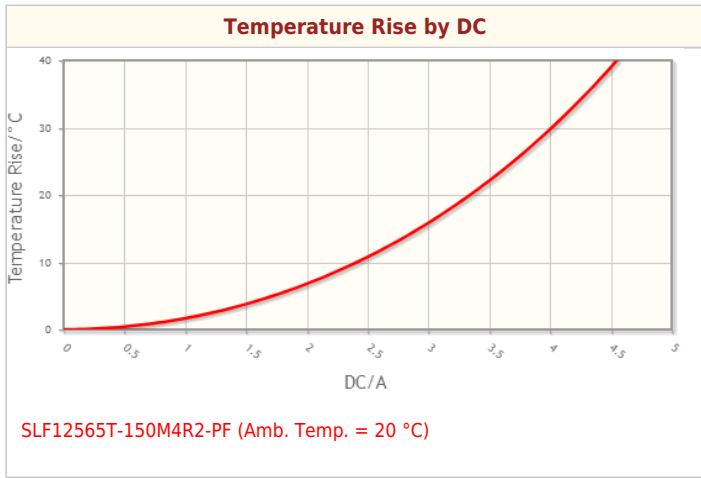


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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

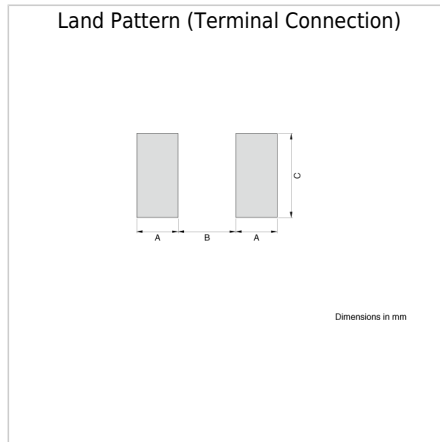
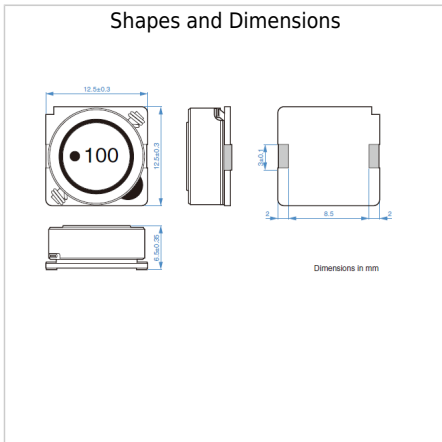


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## Associated Images



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