

<b>Applications</b>	Commercial Grade
<b>Feature</b>	<div style="border: 1px solid red; padding: 2px;">Wire Wound</div> Wire Wound <div style="border: 1px solid green; padding: 2px;">Shield</div> Magnetic Shield <div style="border: 1px solid gray; padding: 2px;">Ferrite Core</div> Ferrite Core
<b>Series   Type</b>	SLF
<b>Status</b>	Production
<b>Brand</b>	TDK



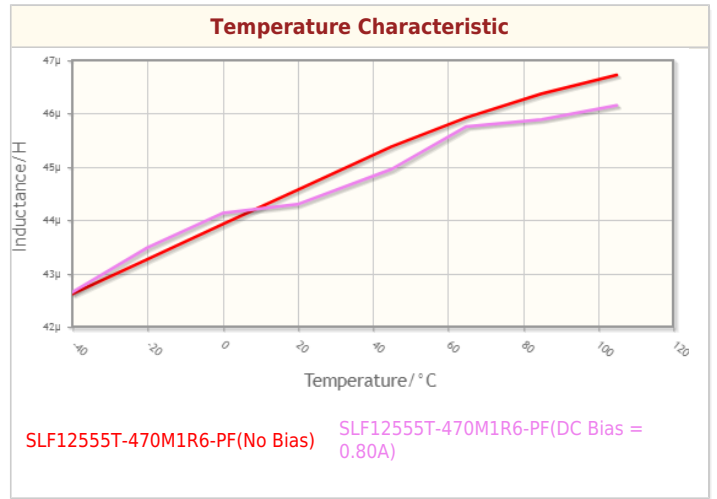
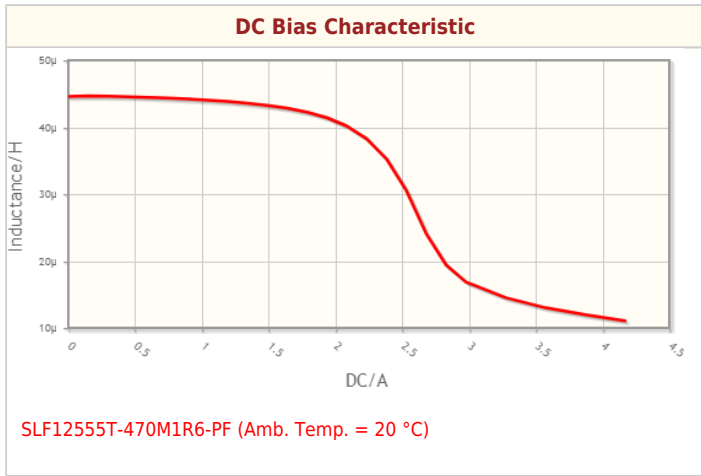
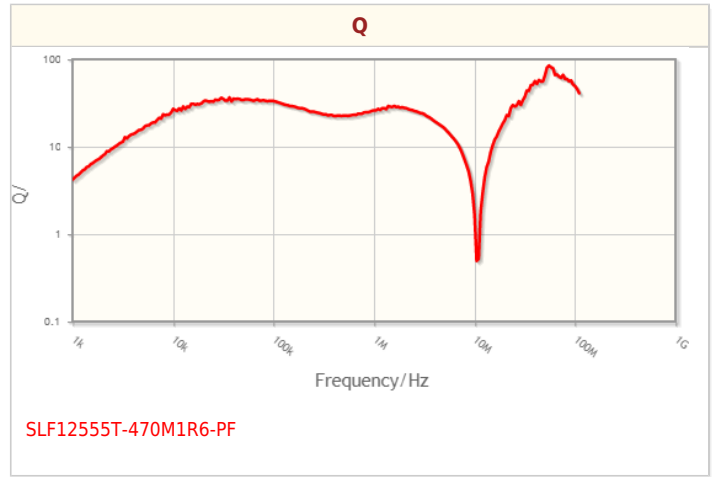
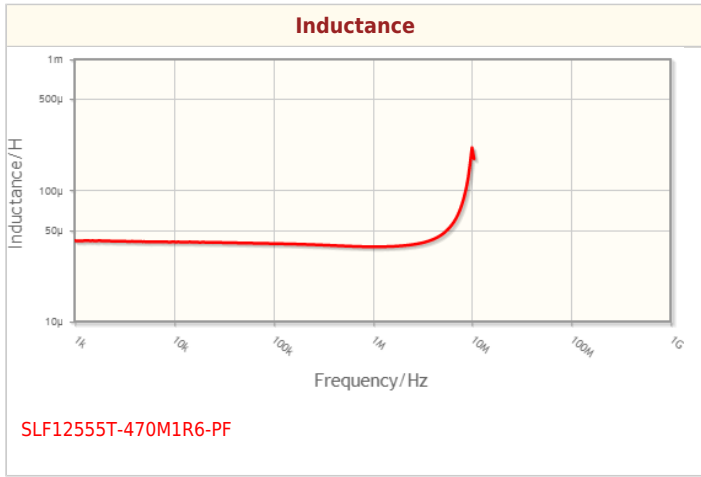
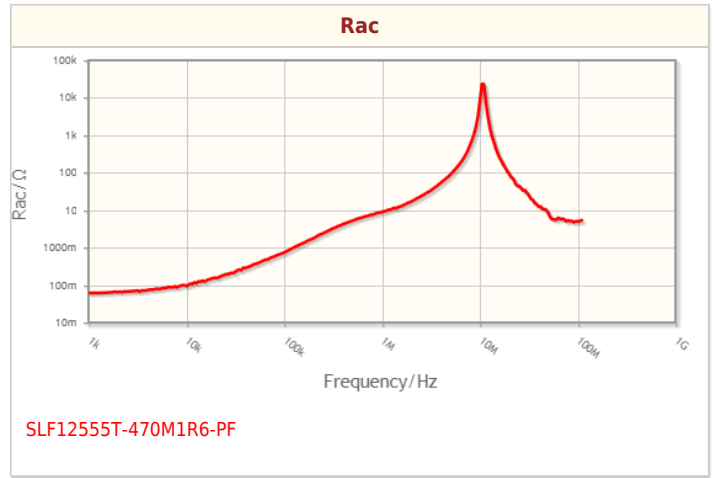
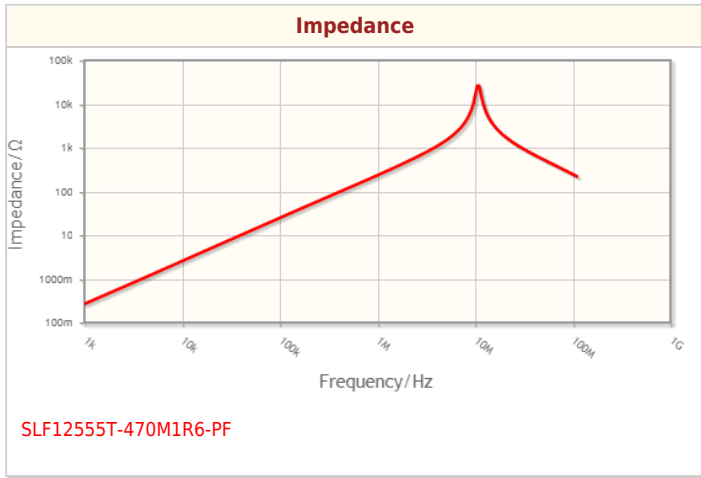
Size	
Length(L)	12.50mm ±0.30mm
Width(W)	12.50mm ±0.30mm
Thickness   Height	5.50mm ±0.30mm
Recommended Land Pattern (A)	2.60mm Nom.
Recommended Land Pattern (B)	8.50mm Nom.
Recommended Land Pattern (C)	3.20mm Nom.

Electrical Characteristics	
Inductance	47µH ±20% at 1kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	1.6A (10% Down)
Rated Current (Temperature Rise) [Typ.]	2.5A (30°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	61.8mΩ
DC Resistance [Max.]	74.2mΩ
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]
Package Quantity	500pcs
Weight	2.6g

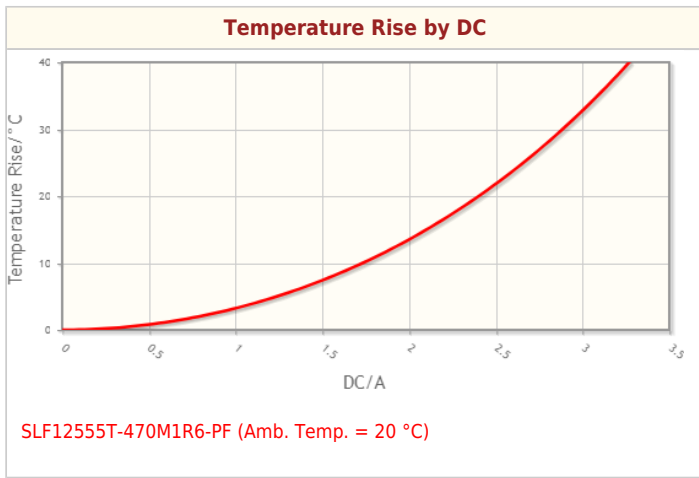
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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## Associated Images

