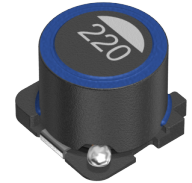


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Applications	Commercial Grade
Feature	<div style="border: 1px solid red; padding: 2px;">Wire Wound</div> Wire Wound <div style="border: 1px solid green; padding: 2px;">Shield</div> Magnetic Shield <div style="border: 1px solid gray; padding: 2px;">Ferrite Core</div> Ferrite Core
Series Type	SLF
Status	EOL announced Recommended Alternate Part No. : VLS5045EX-4R7M (Interchangeability is not guaranteed.) Discontinue Issue Date : May.14, 2024 Last Purchase Order Date : Mar.31, 2026 Last Shipment Date : Dec.31, 2026
Brand	TDK



Size	
Length(L)	7.00mm ±0.20mm
Width(W)	7.00mm ±0.20mm
Thickness Height	5.50mm ±0.30mm
Recommended Land Pattern (A)	1.50mm Nom.
Recommended Land Pattern (B)	4.80mm Nom.
Recommended Land Pattern (C)	2.20mm Nom.

Electrical Characteristics	
Inductance	4.7μH ±30% at 100kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	3.6A (10% Down)
Rated Current (Temperature Rise) [Typ.]	3.1A (30°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	28mΩ
DC Resistance [Max.]	36.4mΩ
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)

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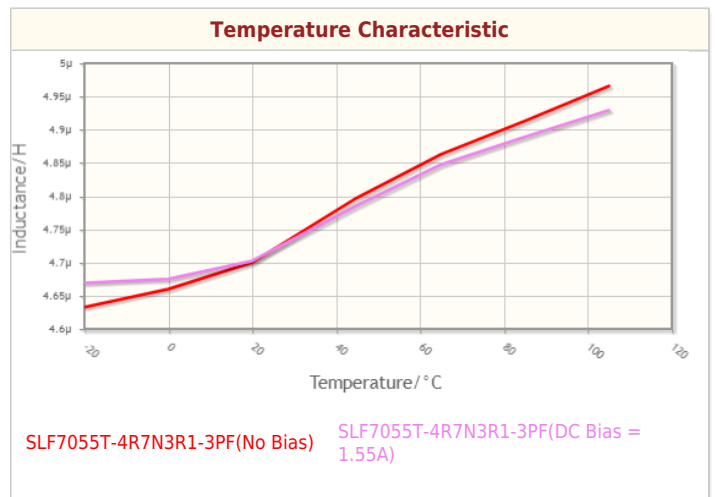
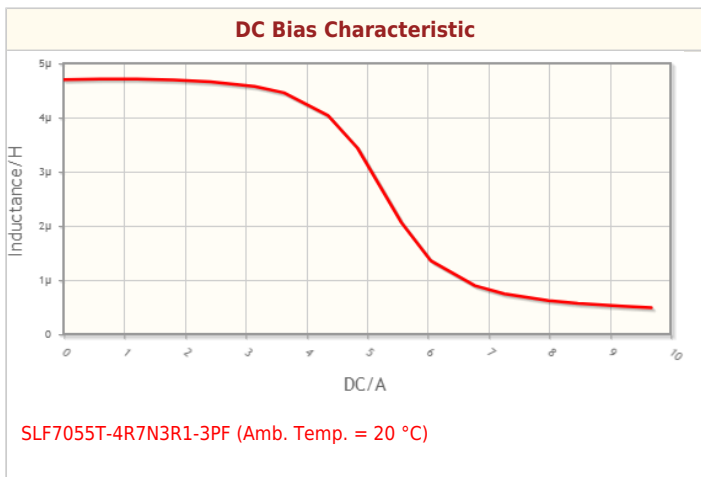
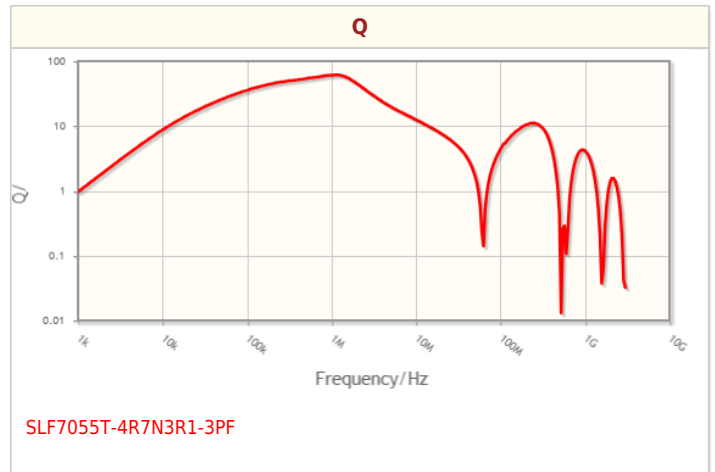
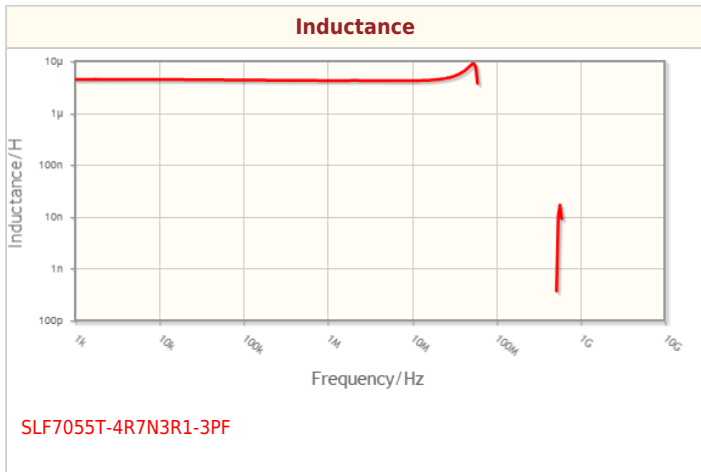
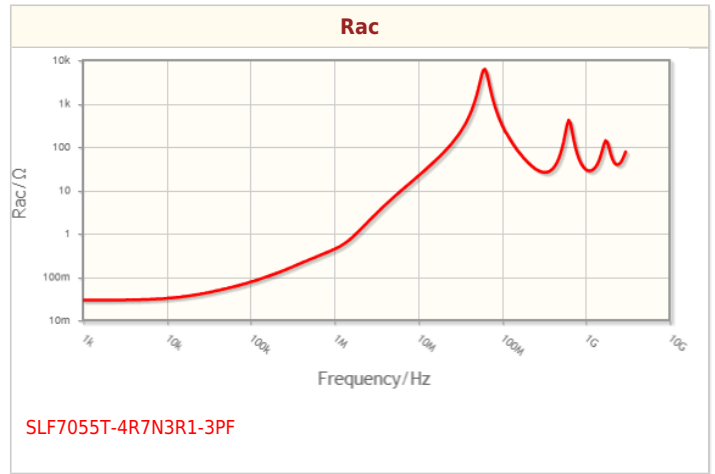
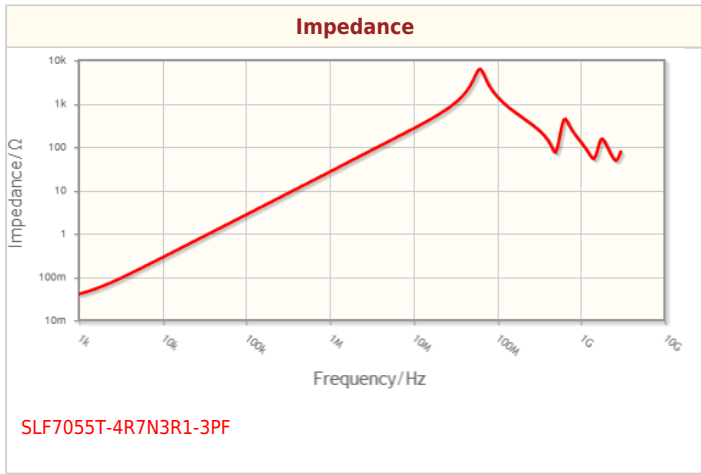


Soldering Method	Reflow Iron Soldering
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [330mm Reel]
Package Quantity	1000pcs
Weight	0.8g

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

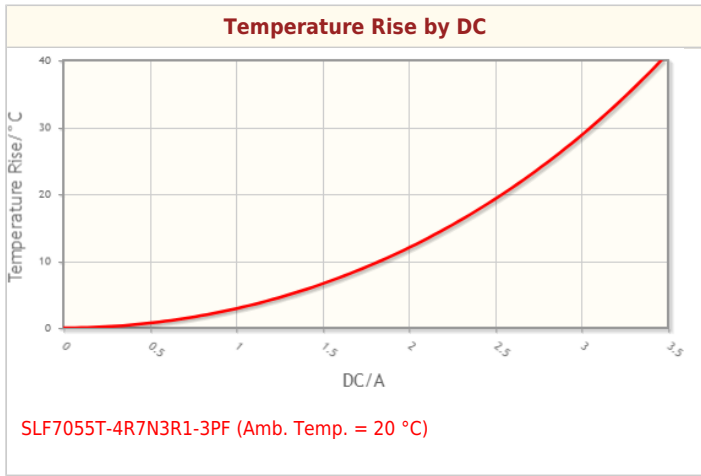


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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

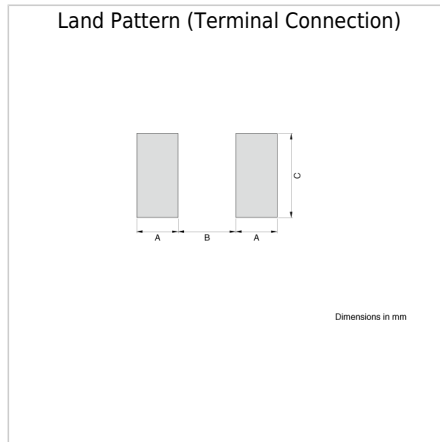
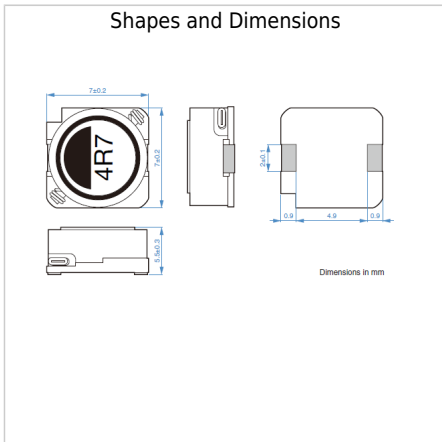


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Associated Images



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