

Obsolete

Recommended Alternate Part No. : None

Product Status

Discontinue Issue Date : Jun.3, 2022

Last Purchase Order Date : Sep.30, 2023

Last Shipment Date : Mar.31, 2024

Applications

Commercial Grade

Wire Wound

Wire Wound

Feature

Shield

Magnetic Shield

Ferrite Core

Ferrite Core

Series | Type

SLF

Brand

TDK

Environmental

RoHS



REACH



Lead Free

**Size**

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

Electrical Characteristics

Inductance	100 μ H $\pm 20\%$ at 1kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	1.1A (10% Down)
Rated Current (Temperature Rise) [Typ.]	1.8A (30°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	117m Ω
DC Resistance [Max.]	140.4m Ω
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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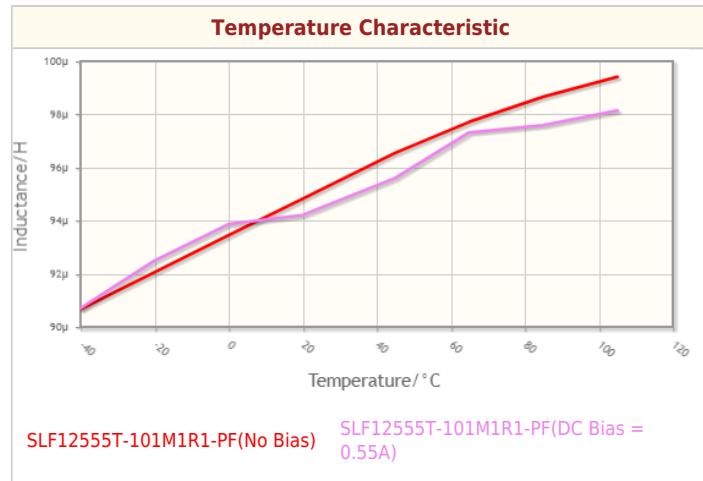
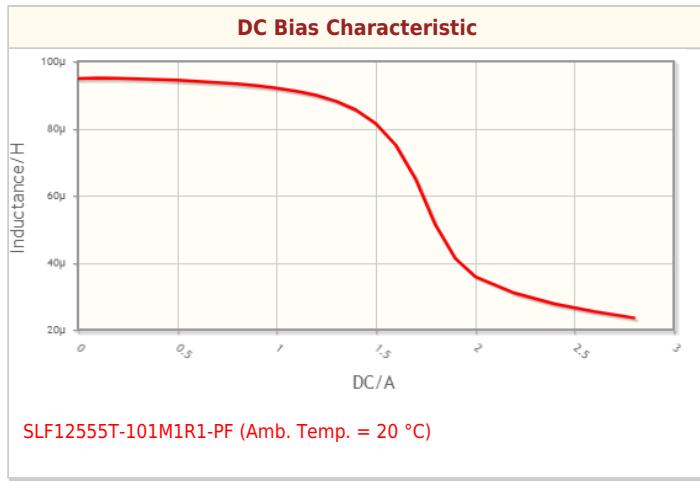
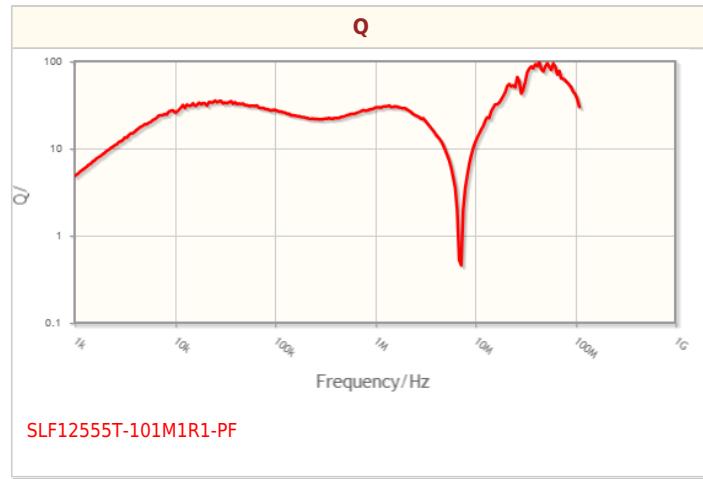
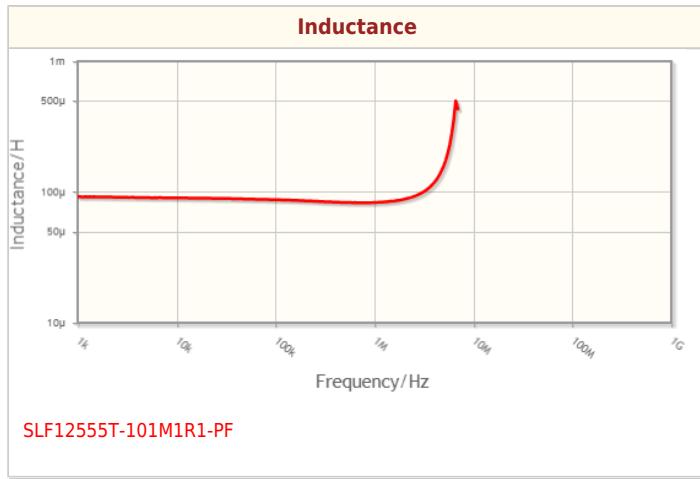
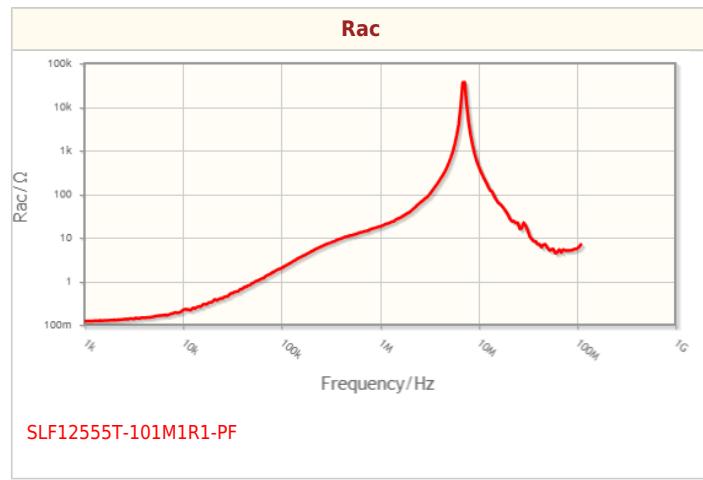
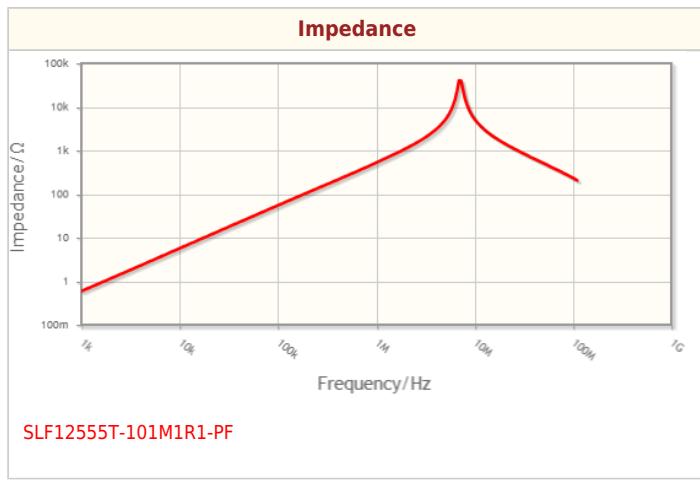
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Soldering Method	Reflow Iron Soldering
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [330mm Reel]
Package Quantity	500pcs
Weight	2.6g

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

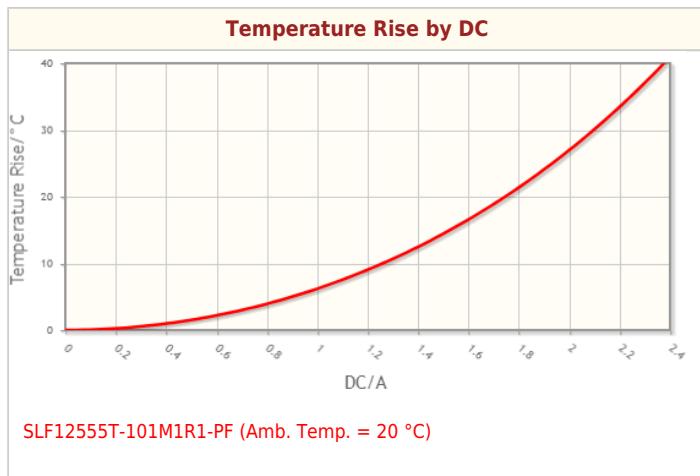


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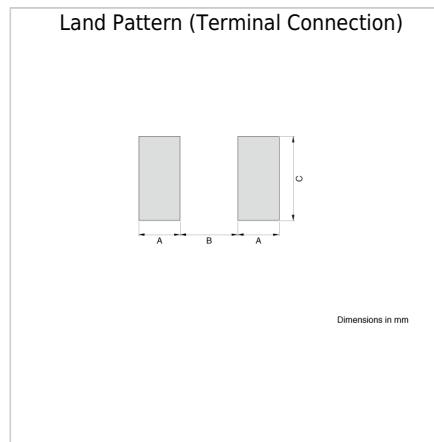
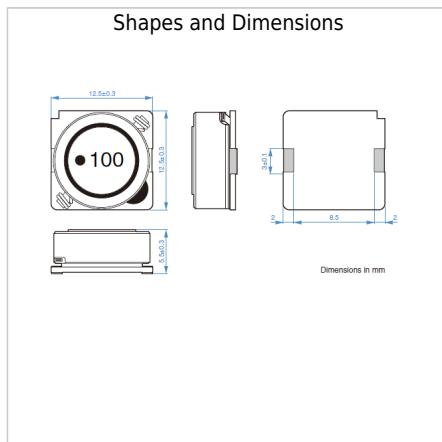
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Associated Images



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