

EOL Announced

Recommended Alternate Part No. : [SPM10054T-2R2M-HZR](#) (Interchangeability is not guaranteed.)

Product Status

Discontinue Issue Date : May.14, 2024

Last Purchase Order Date : Mar.31, 2026

Last Shipment Date : Dec.31, 2026

Applications

Commercial Grade

Wire WoundWire Wound

Feature

ShieldMagnetic Shield

Ferrite CoreFerrite Core

Series | Type

SLF

Brand

TDK

Environmental

RoHS



REACH



Lead Free

Compliance**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	2µH ±30% at 1kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	10A (10% Down)
Rated Current (Temperature Rise) [Typ.]	6.2A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	11.7mΩ
DC Resistance [Max.]	14mΩ
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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! Images are for reference only and show exemplary products.

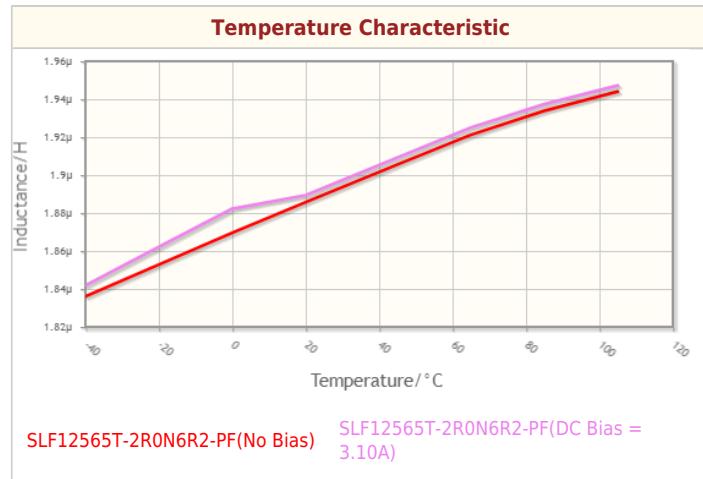
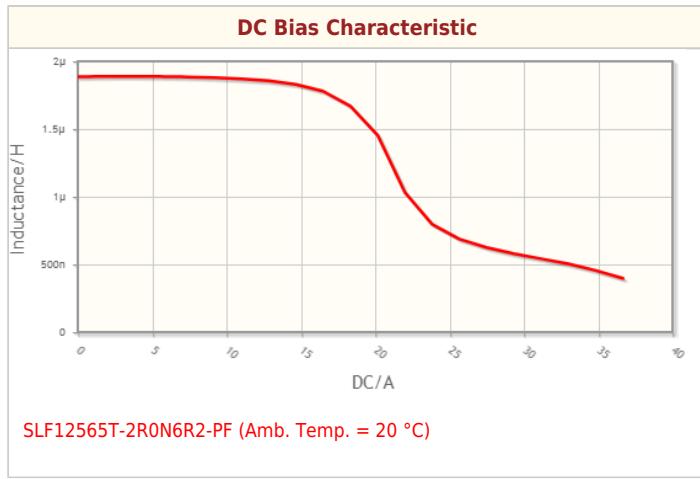
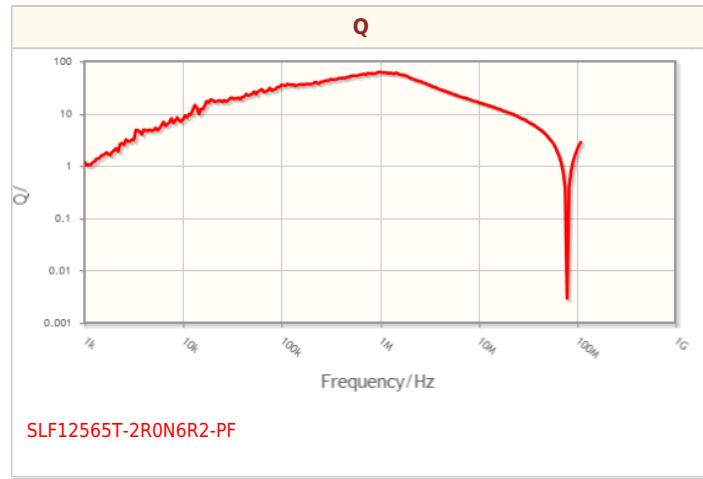
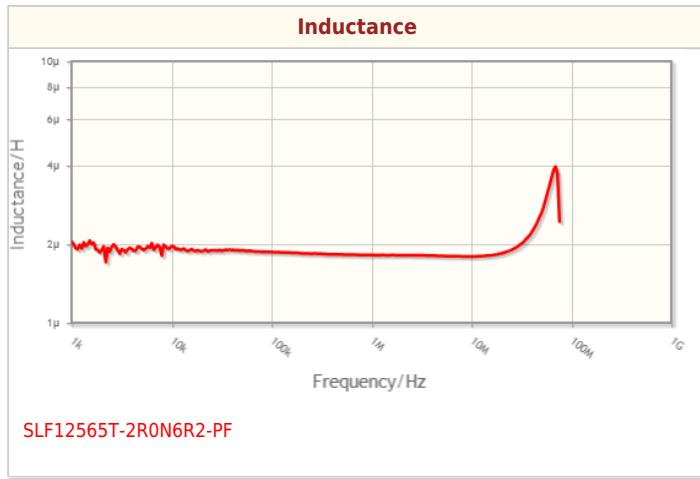
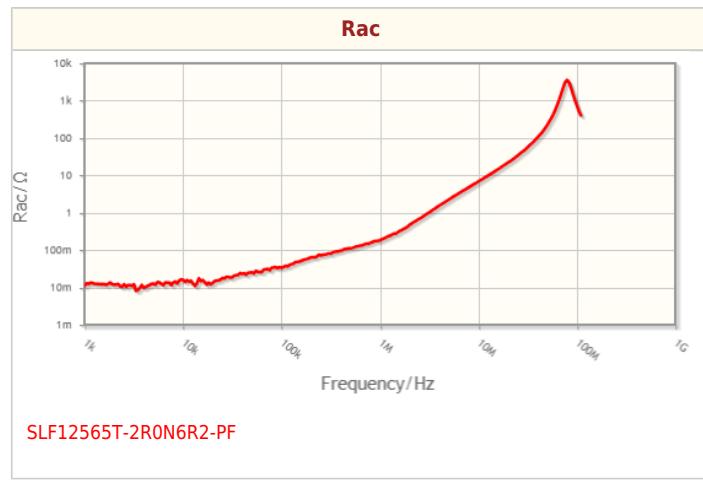
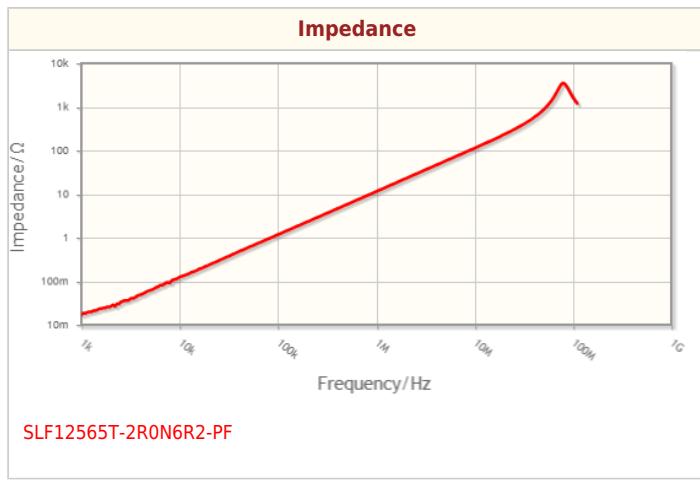
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Soldering Method	Reflow Iron Soldering
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [330mm Reel]
Package Quantity	500pcs
Weight	3.2g

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

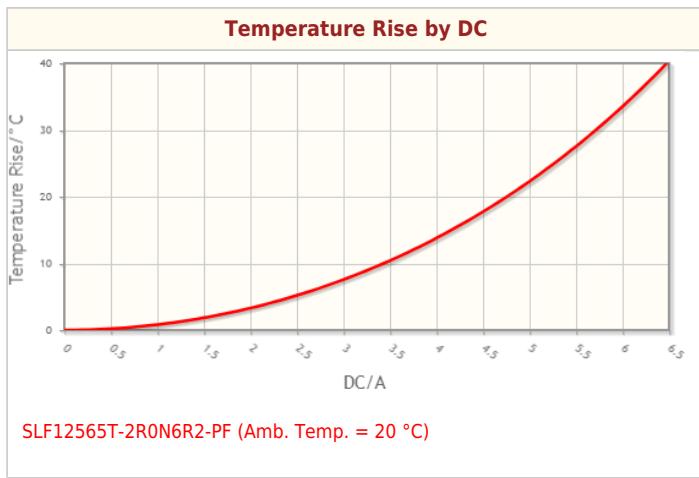


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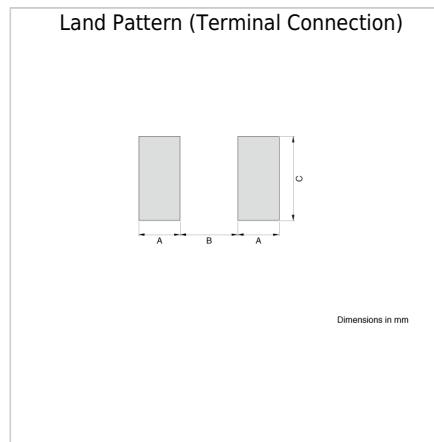
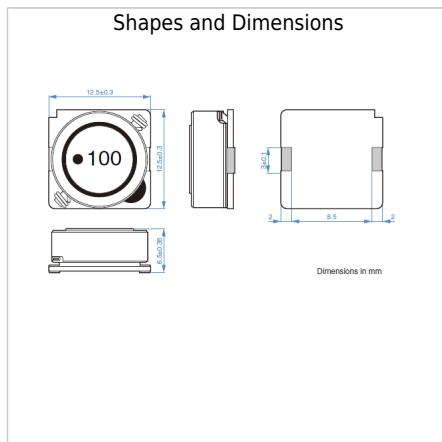
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Associated Images



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