

**EOL Announced**

Recommended Alternate Part No. : [VLS5045EX-150M](#) (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

**Feature** Wire Wound Magnetic Shield

Ferrite Core Ferrite Core

**Series | Type** SLF

**Brand** TDK

**Environmental**



RoHS



REACH



Lead Free

**Size**

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

**Electrical Characteristics**

Inductance	15 $\mu$ H $\pm 20\%$ at 100kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	2.1A (10% Down)
Rated Current (Temperature Rise) [Typ.]	2.2A (30°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	50.8m $\Omega$
DC Resistance [Max.]	61m $\Omega$
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.

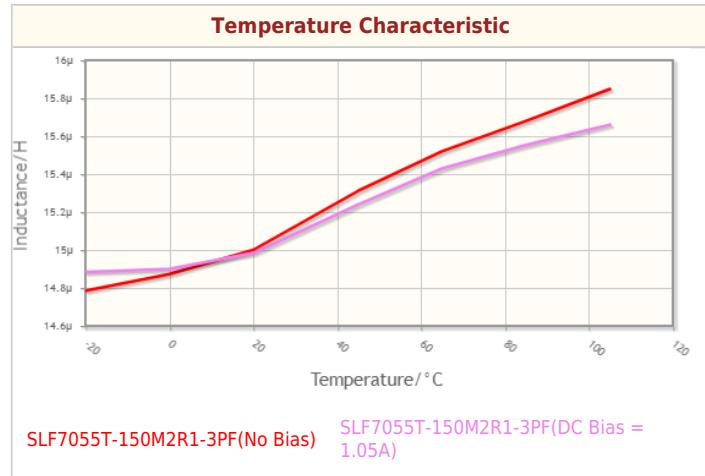
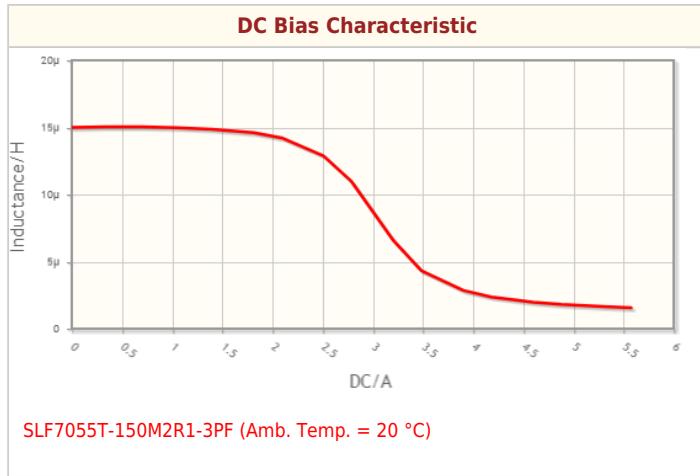
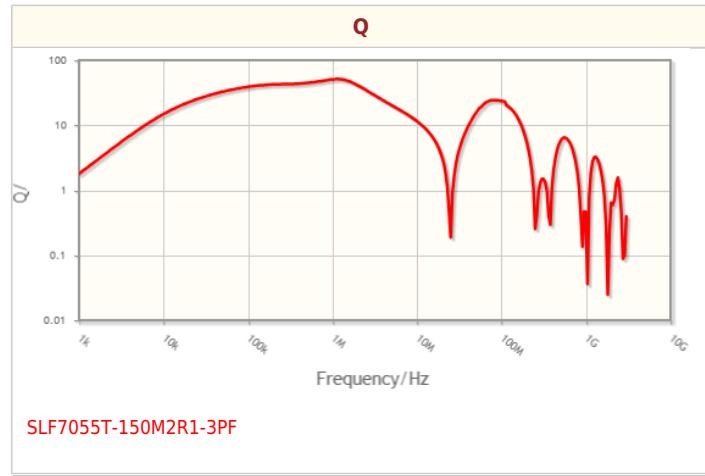
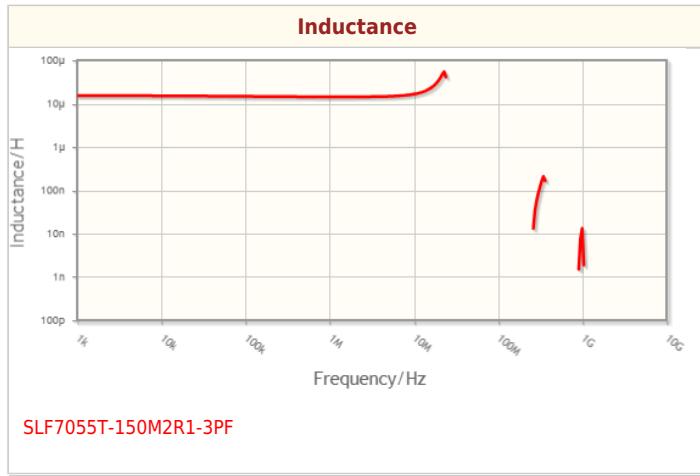
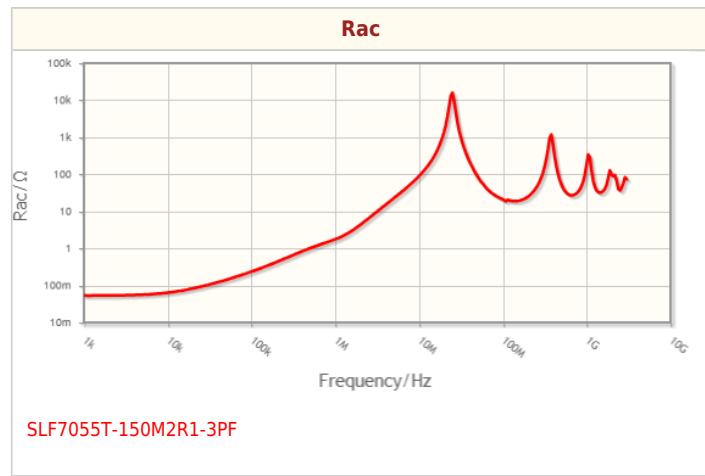
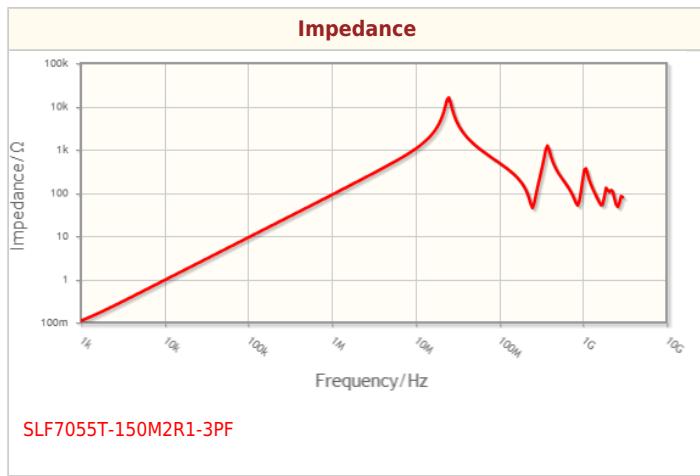
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! All specifications are subject to change without notice.

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.)

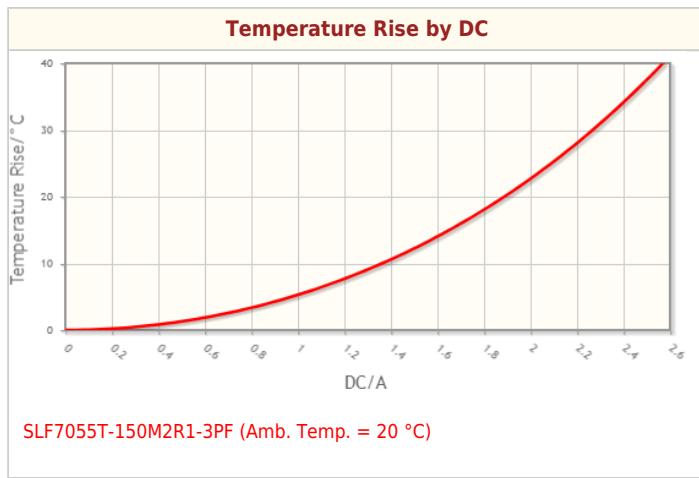


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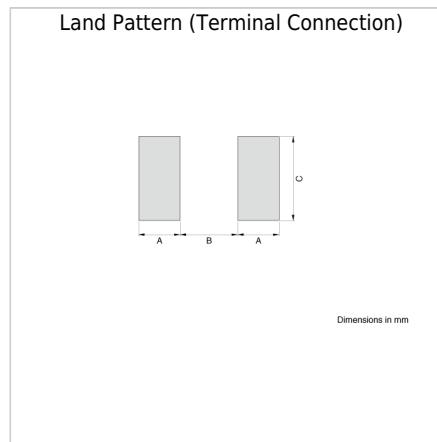
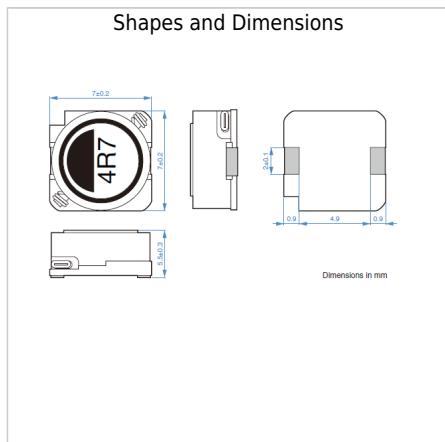
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## Associated Images



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