

SLF12565T-330M2R8-H

**Applications**

Automotive Grade

AEC-Q200

Wire Wound

Shield

Ferrite Core

**Feature****Series | Type**

SLF-H

EOL announced  
Recommended Alternate Part No. : [SPM10065VC-330M-D](#) (Interchangeability is not guaranteed.)**Status**

Discontinue Issue Date : May.14, 2024

Last Purchase Order Date : Mar.31, 2026

Last Shipment Date : Dec.31, 2026

**Brand**

TDK

**Size**

Length(L)	12.50mm $\pm 0.30\text{mm}$
Width(W)	12.50mm $\pm 0.30\text{mm}$
Thickness   Height	6.50mm $\pm 0.35\text{mm}$
Recommended Land Pattern (A)	2.60mm Nom.
Recommended Land Pattern (B)	8.50mm Nom.
Recommended Land Pattern (C)	3.20mm Nom.

**Electrical Characteristics**

Inductance	33 $\mu\text{H}$ $\pm 20\%$ at 1kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	2.8A (10% Down)
Rated Current (Temperature Rise) [Typ.]	3.4A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	40.6m $\Omega$
DC Resistance [Max.]	48.72m $\Omega$
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

**Other**

Operating Temp. Range	-40 to 125°C (Including Self-Temp. Rise)
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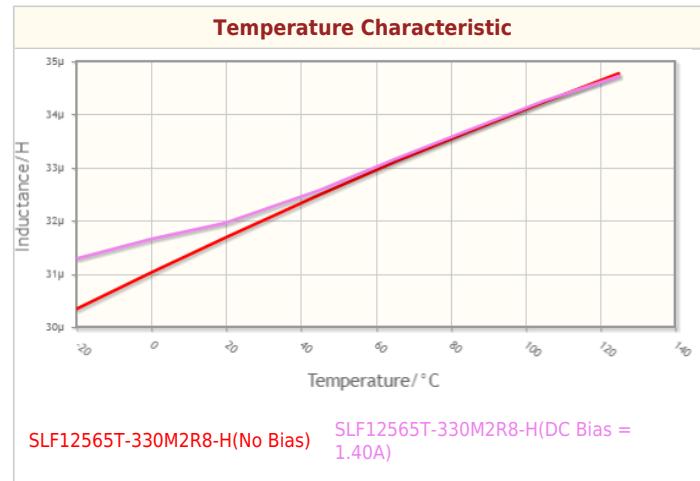
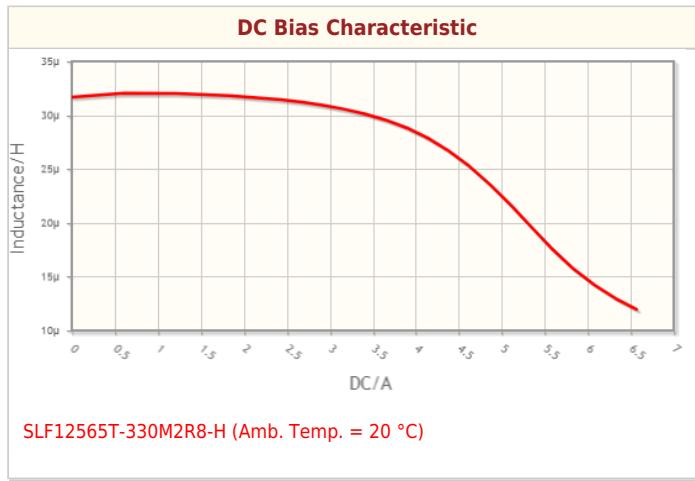
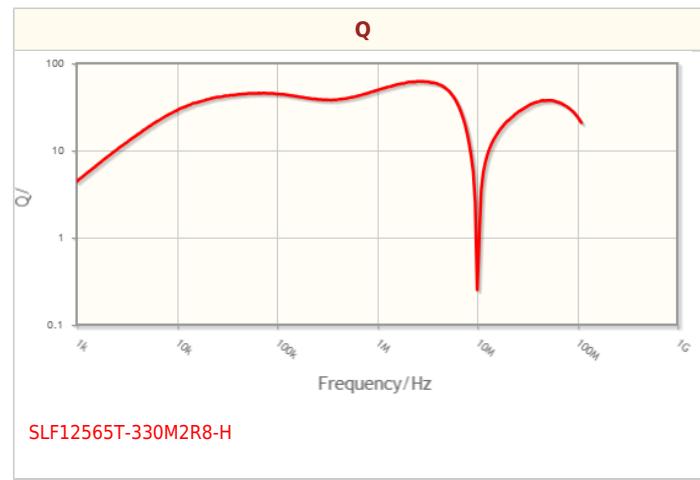
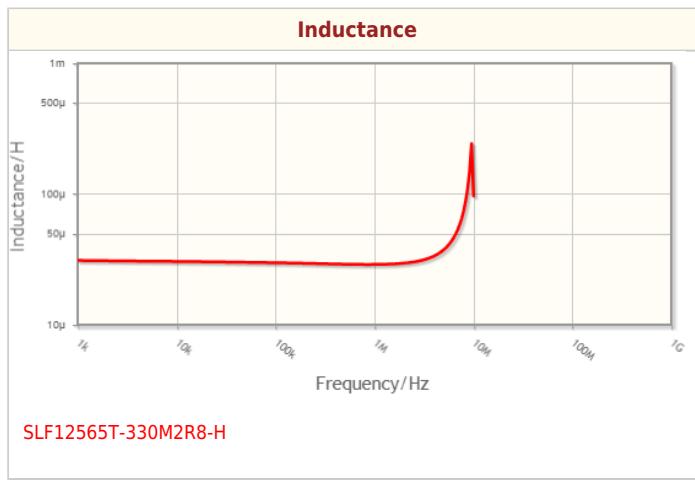
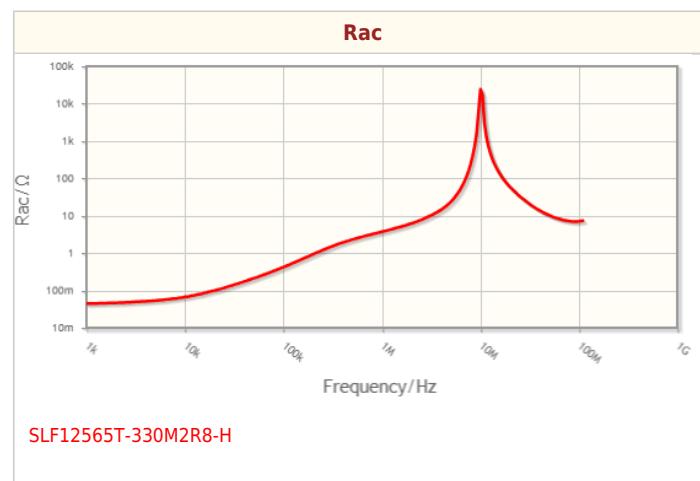
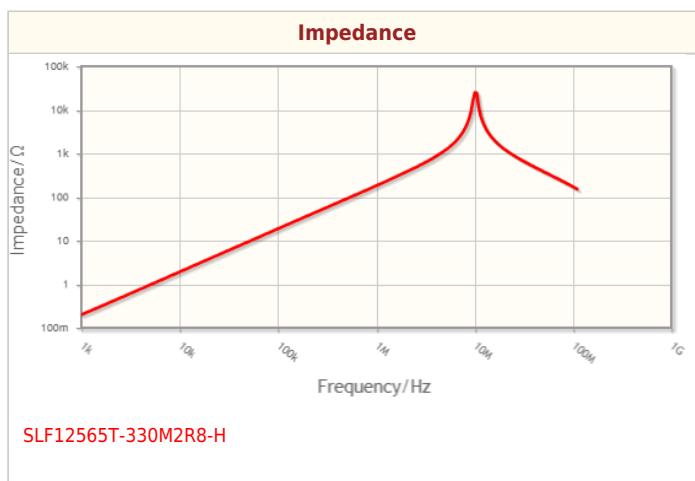
Soldering Method	Reflow Iron Soldering
AEC-Q200	YES
Packing	Embossed (Plastic)Taping [330mm Reel, Tape width 24mm]
Package Quantity	500pcs
Weight	3.2g

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



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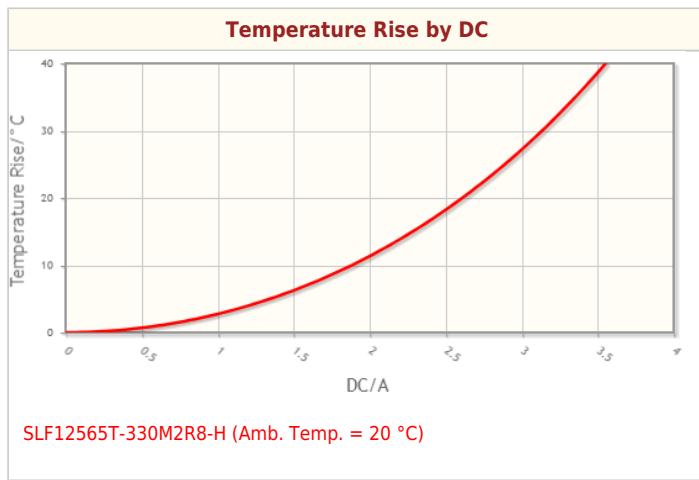
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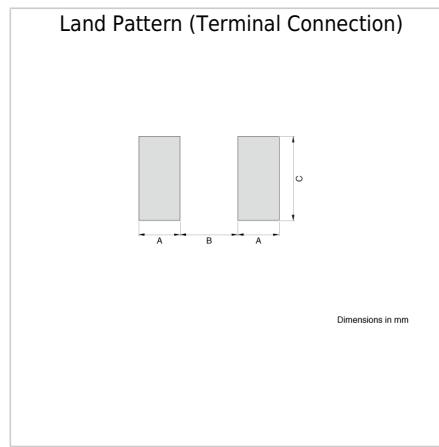
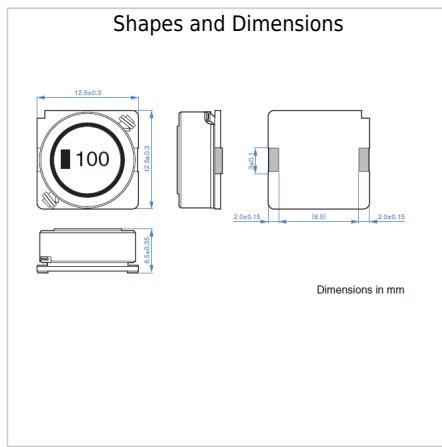


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## Associated Images



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