

## EOL Announced

Recommended Alternate Part No. : [SPM10065VC-330M-D](#) (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

Automotive Grade

[AEC-Q200](#) AEC-Q200

## Feature

Wire Wound Wire Wound

Shield Magnetic Shield

Ferrite Core Ferrite Core

## Series | Type

SLF-H

## Brand

TDK

## Environmental

Compliance



RoHS



REACH



Lead Free



## Size

Length(L)	12.50mm $\pm 0.30\text{mm}$
Width(W)	12.50mm $\pm 0.30\text{mm}$
Thickness   Height	7.50mm $\pm 0.35\text{mm}$
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.]	3.2A (10% Down)
Rated Current (Temperature Rise) [Typ.]	3.4A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	39.5m $\Omega$
DC Resistance [Max.]	47.4m $\Omega$
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

! Images are for reference only and show exemplary products.

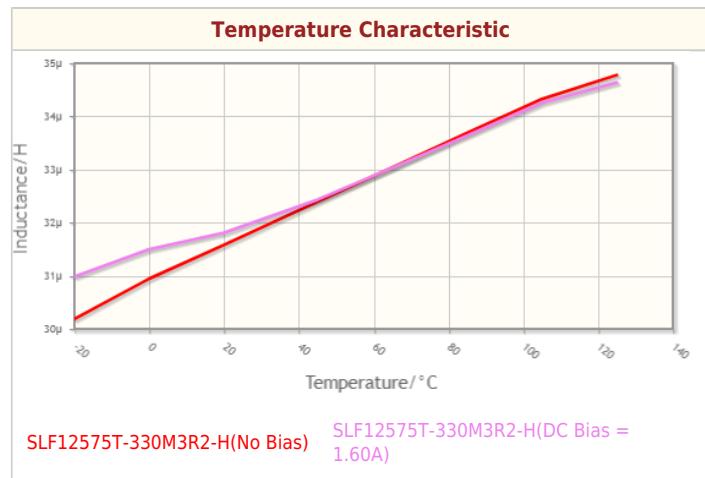
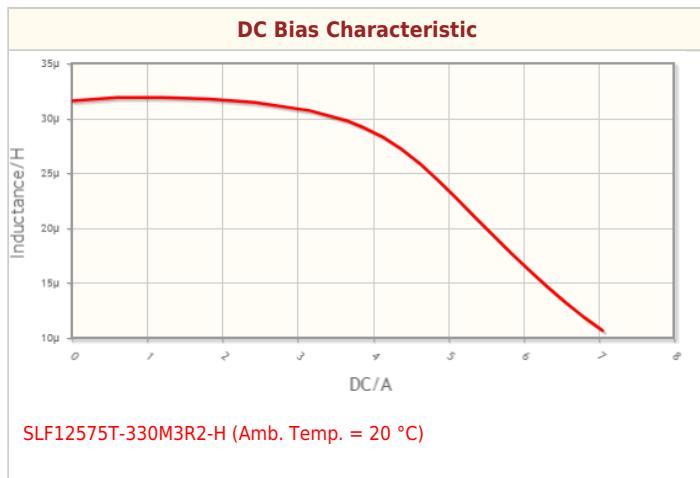
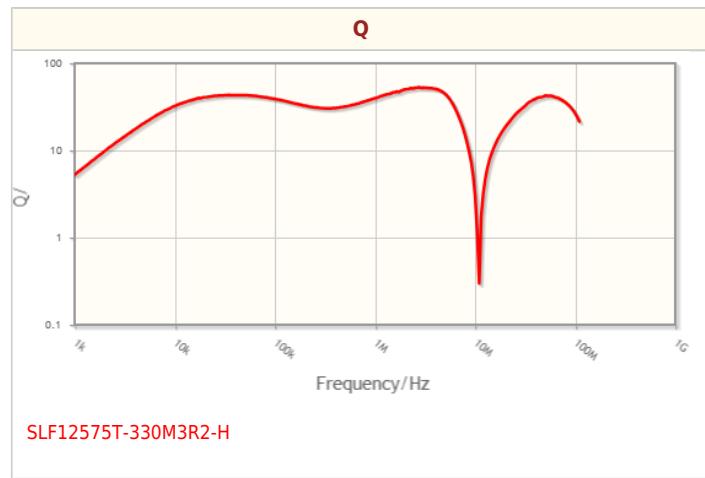
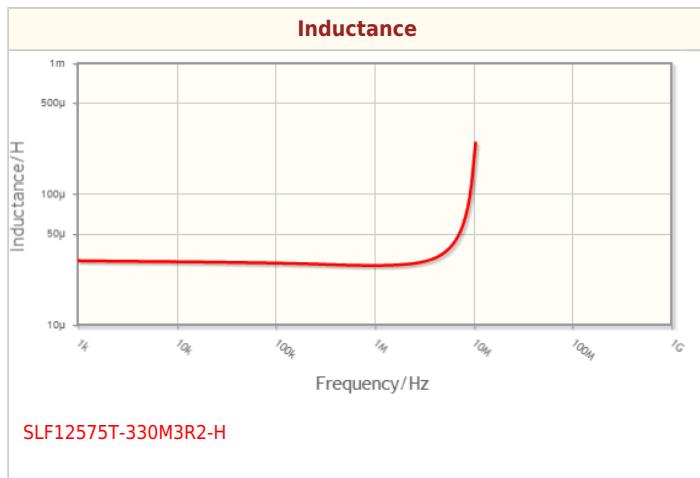
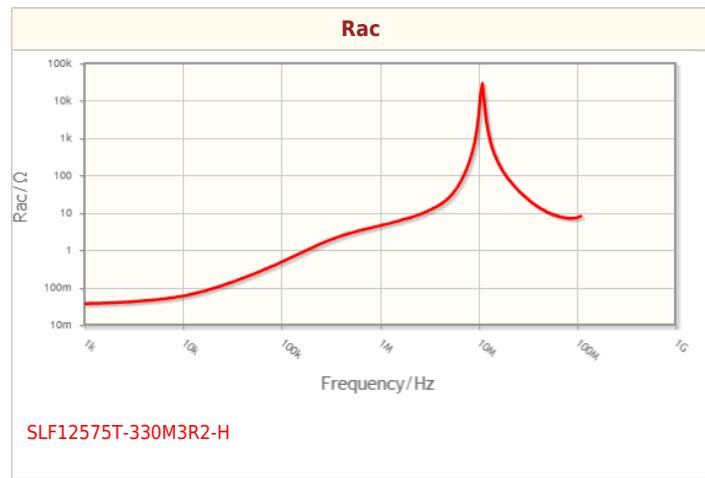
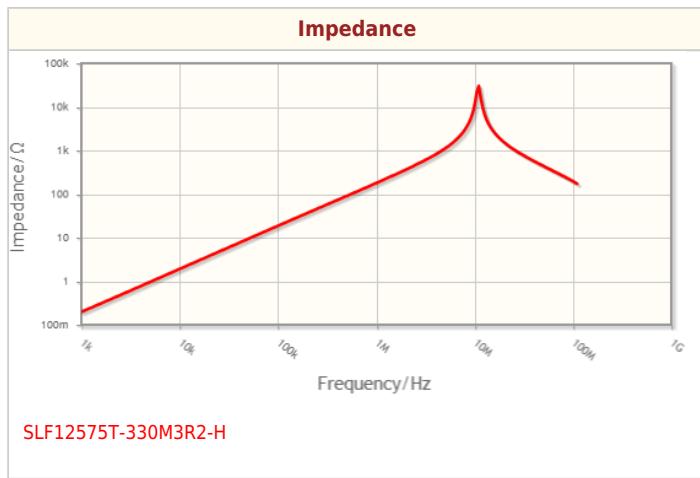
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! All specifications are subject to change without notice.

## Other

Operating Temp. Range	-40 to 125°C (Including Self-Temp. Rise)
Soldering Method	Reflow Iron Soldering
AEC-Q200	YES
Packing	Embossed (Plastic)Taping [330mm Reel, Tape width 24mm]
Package Quantity	500pcs
Weight	3.4g
FIT (Failure In Time)	 This will be displayed when you <a href="#">login</a> to myTDK

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

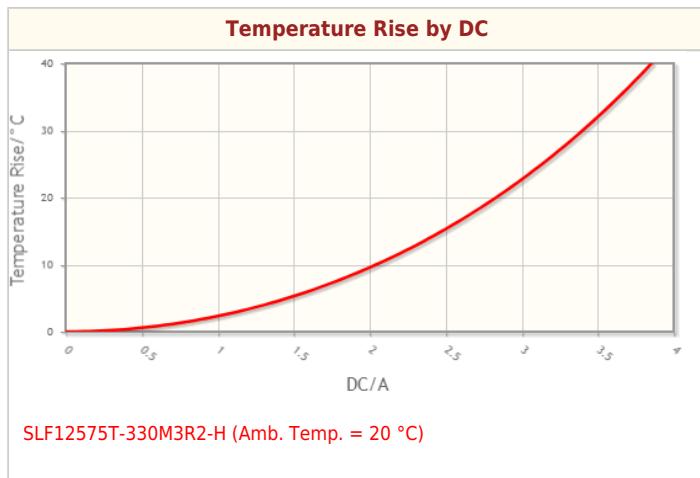


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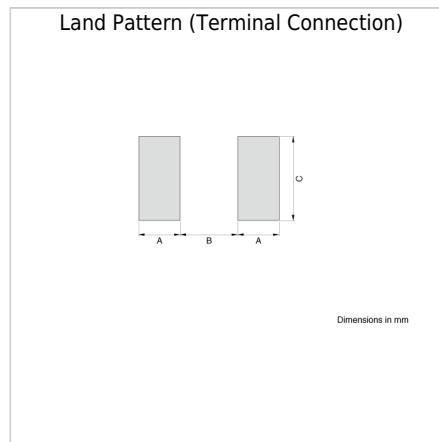
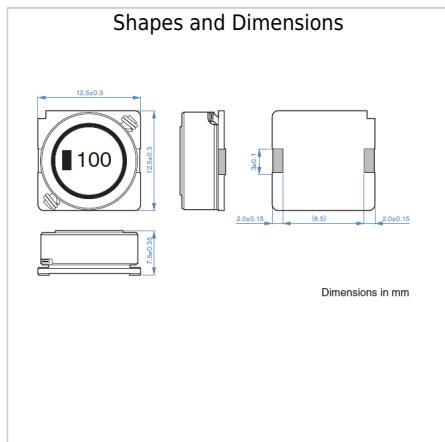
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## Associated Images



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