

SLF12565T-680M2R0-H



Applications	Automotive Grade
Feature	AEC-Q200
	Wire Wound
	Magnetic Shield
	Ferrite Core
Series Type	SLF-H
Status	EOL announced
	Recommended Alternate Part No. : SPM10065VC-680M-D (Interchangeability is not guaranteed.)
	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 ±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	68μH ±20% at 1kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	2A (10% Down)
Rated Current (Temperature Rise) [Typ.]	2.4A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	78.7mΩ
DC Resistance [Max.]	94.44mΩ
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)

! Images are for reference only and show exemplary products.
! This PDF document was created based on the data listed on the TDK Corporation website.
! All specifications are subject to change without notice.

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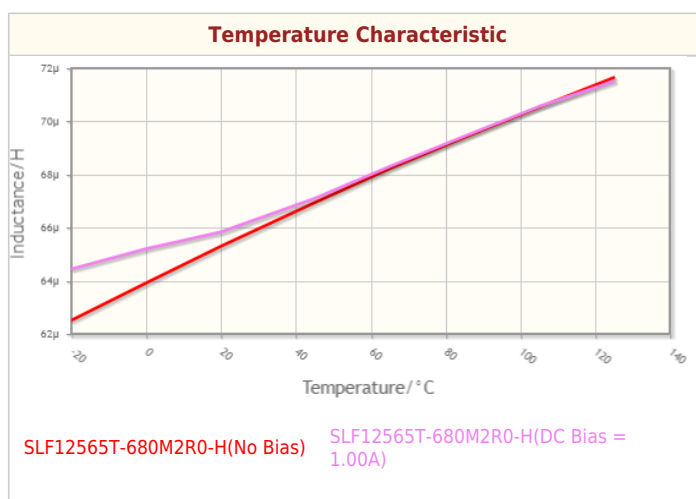
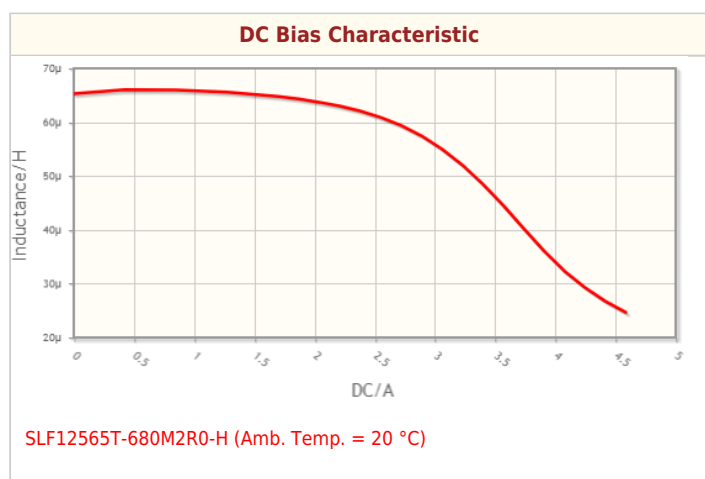
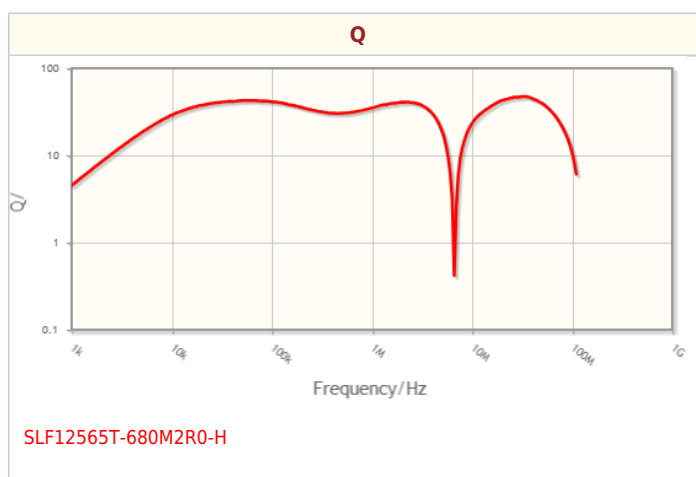
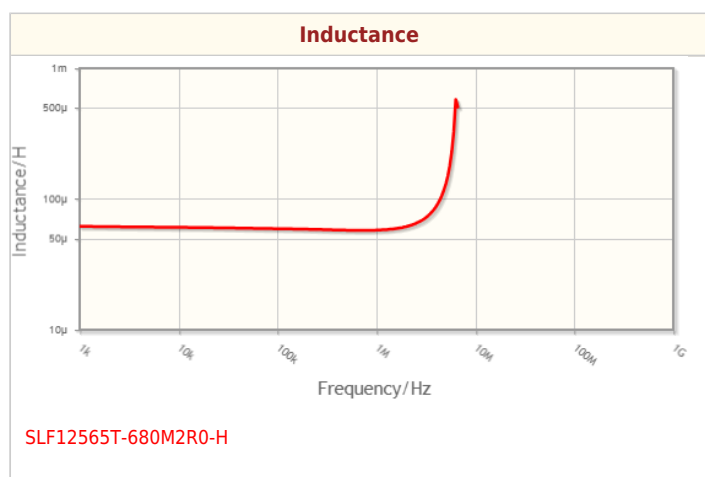
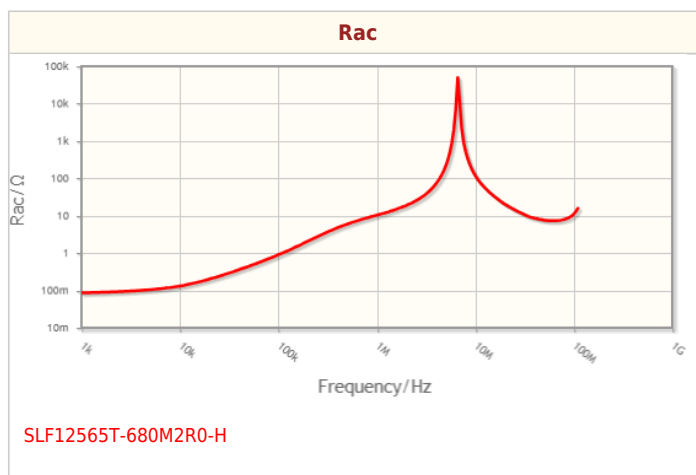
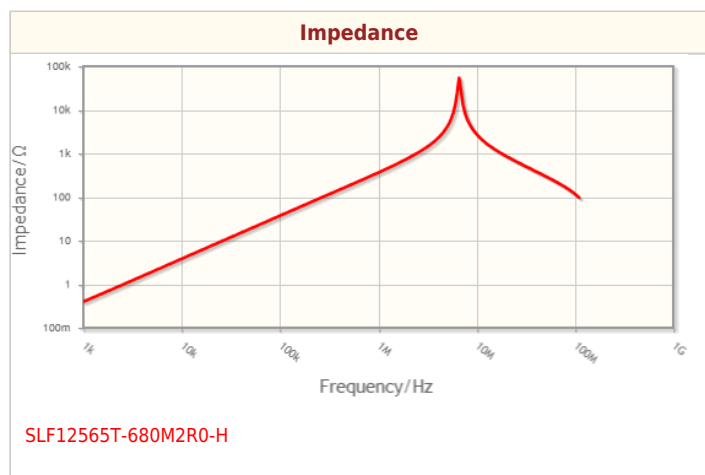


Soldering Method	Reflow Iron Soldering
AEC-Q200	YES
Packing	Embossed (Plastic)Taping [330mm Reel, Tape width 24mm]
Package Quantity	500pcs
Weight	3.2g

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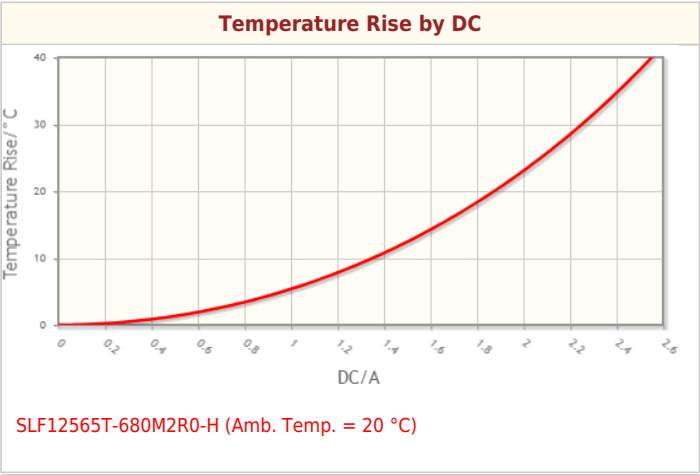
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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Associated Images

