

SLF10145T-681MR38-H

**Applications**

Automotive Grade

AEC-Q200

Wire Wound

Shield

Ferrite Core

Feature**Series | Type**

SLF-H



EOL announced

Recommended Alternate Part No. : None

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)	10.10mm ± 0.30 mm
Width(W)	10.10mm ± 0.30 mm
Thickness Height	4.50mm ± 0.30 mm
Recommended Land Pattern (A)	2.50mm Nom.
Recommended Land Pattern (B)	5.60mm Nom.
Recommended Land Pattern (C)	3.20mm Nom.

Electrical Characteristics

Inductance	680 μ H $\pm 20\%$ at 1kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	380mA (10% Down)
Rated Current (Temperature Rise) [Typ.]	380mA (30°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	1.6 Ω
DC Resistance [Max.]	1.92 Ω
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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! Images are for reference only and show exemplary products.

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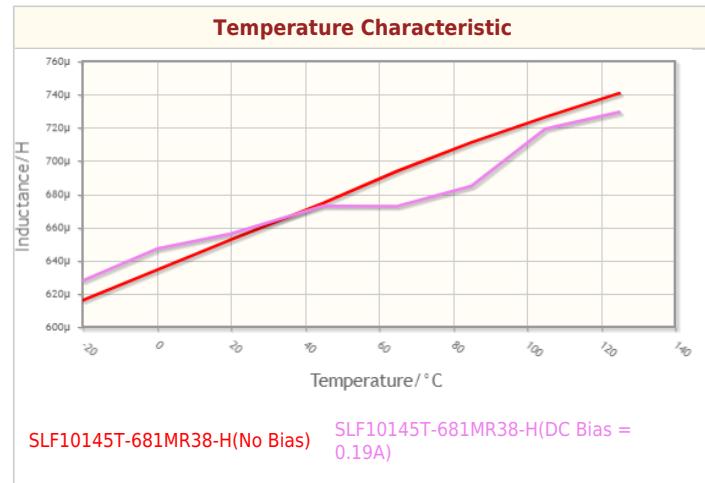
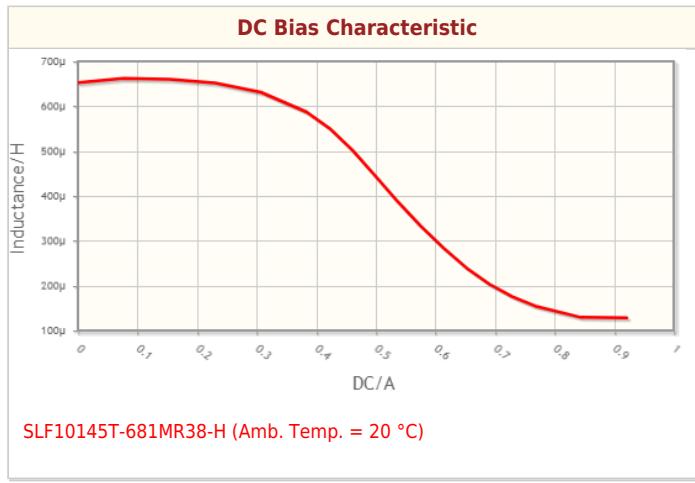
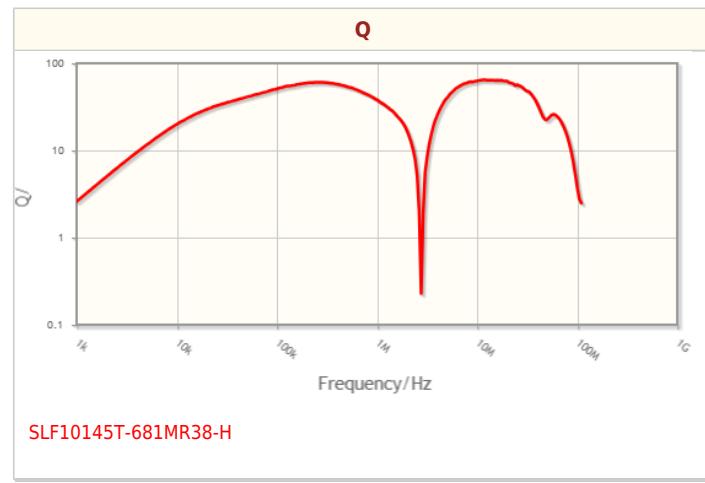
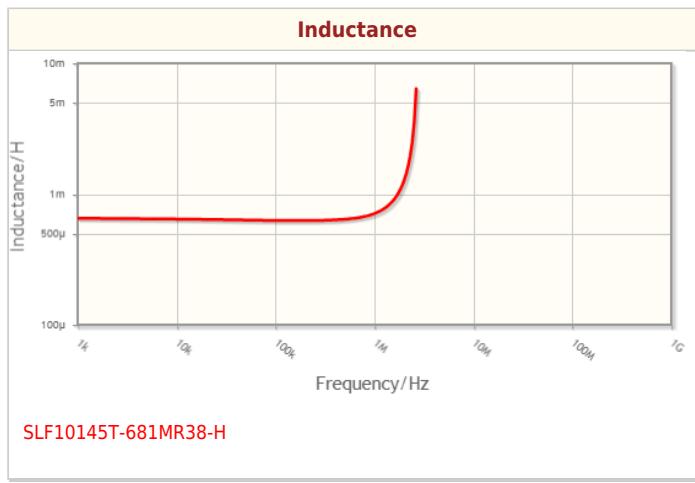
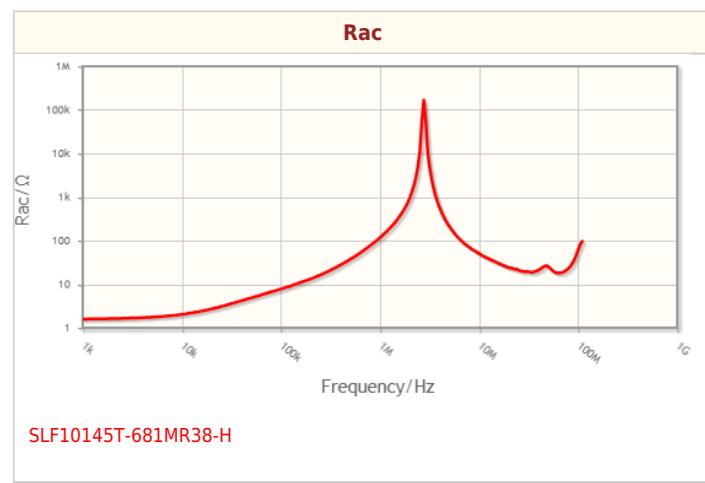
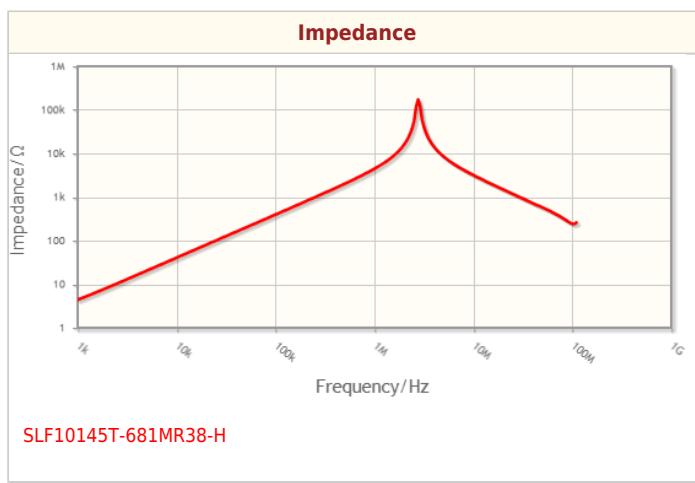
Soldering Method	Reflow Iron Soldering
AEC-Q200	YES
Packing	Embossed (Plastic)Taping [330mm Reel, Tape width 24mm]
Package Quantity	500pcs
Weight	1.3g

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



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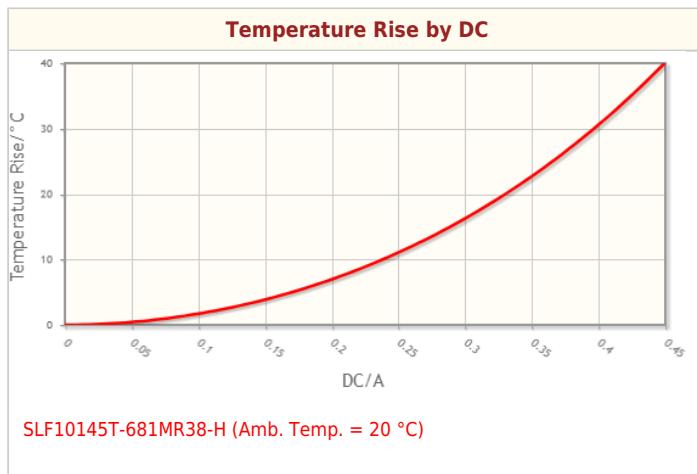
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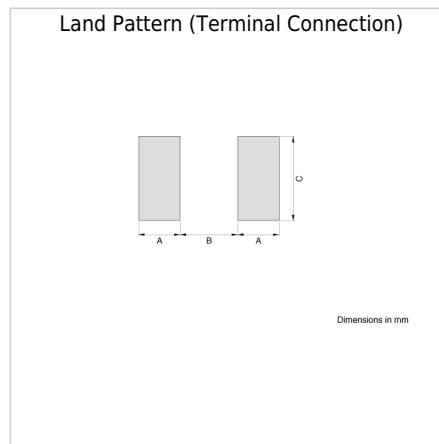
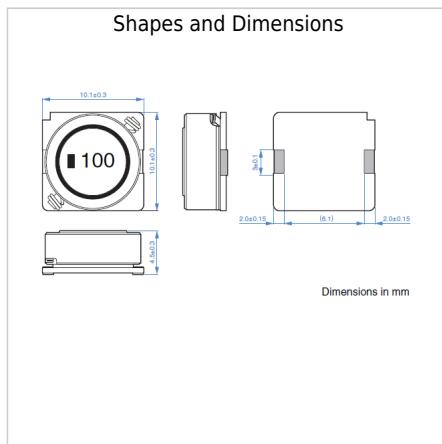


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Associated Images



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