

SLF7055T-100M2R5-3PF



Applications	Commercial Grade
Feature	<div>Shield</div> <div>Magnetic Shield</div> <div>Wire Wound</div> <div>Wire Wound</div> <div>Ferrite Core</div> <div>Ferrite Core</div>
Series   Type	SLF
Status	Production
Brand	TDK



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

Electrical Characteristics	
Inductance	10μH ±20% at 100kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	2.6A (10% Down)
Rated Current (Temperature Rise) [Typ.]	2.5A (30°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	39.1mΩ
DC Resistance [Max.]	46.9mΩ
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

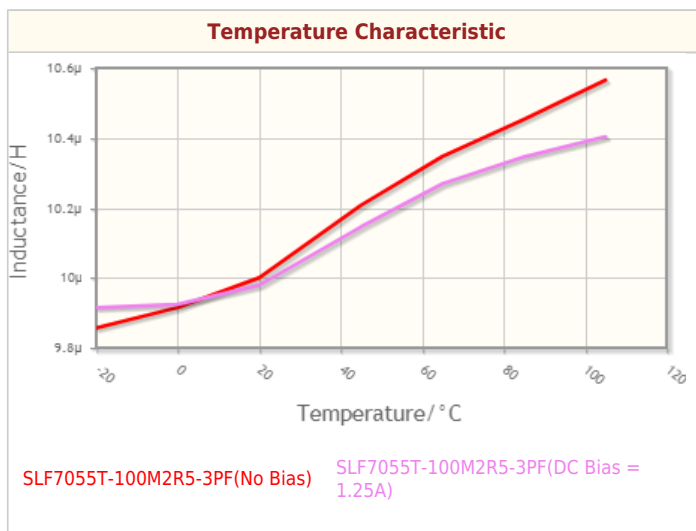
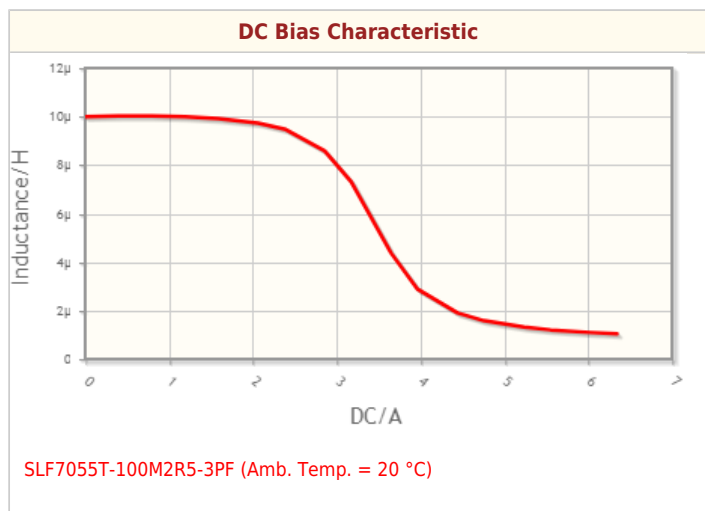
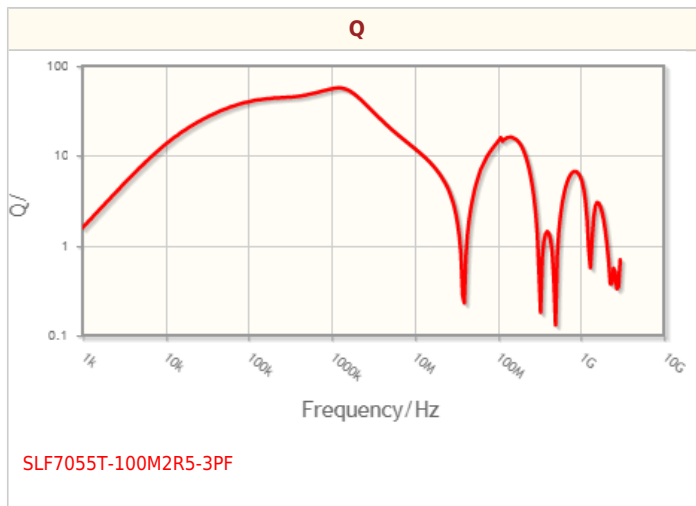
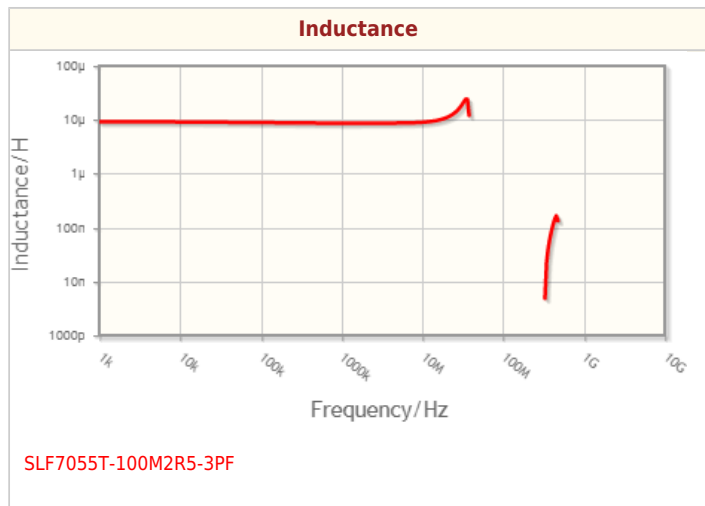
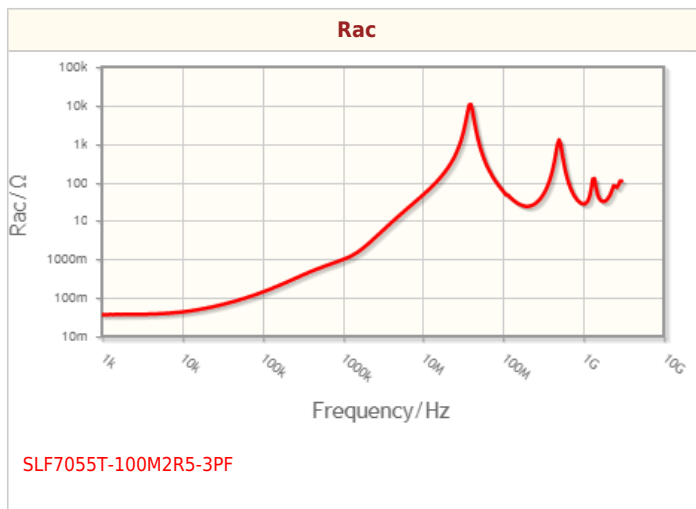
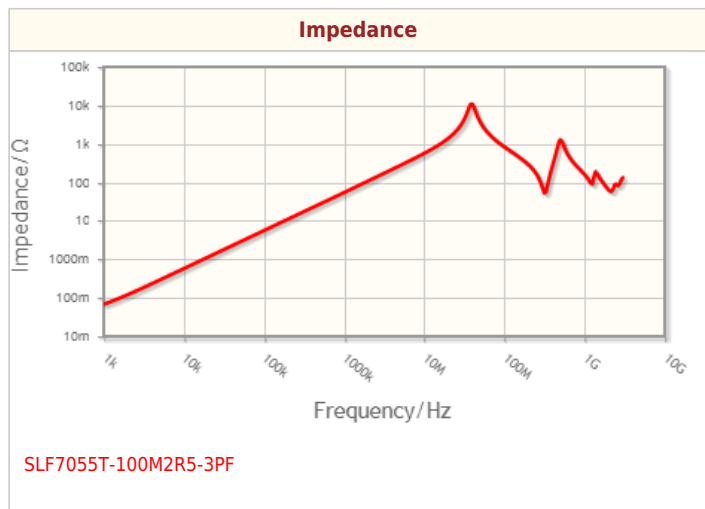
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105°C
Soldering Method	Reflow Iron Soldering
AEC-Q200	No
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	1000pcs
Weight	0.8g

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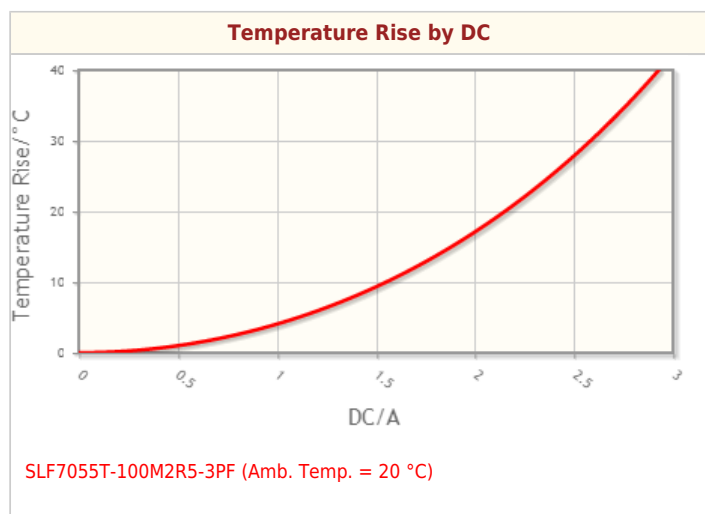
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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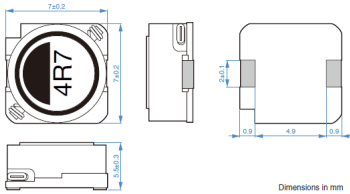
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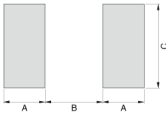
# Associated Images

Shapes and Dimensions



Dimensions in mm

Land Pattern (Terminal Connection)



Dimensions in mm

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