

SLF12575T-470M2R7-H



Applications	Automotive Grade
Feature	Magnetic Shield
	Wire Wound
	Ferrite Core
	AEC-Q200
Series Type	SLF-H
Status	Production
Brand	TDK



Size	
Length(L)	12.50mm ±0.30mm
Width(W)	12.50mm ±0.30mm
Thickness Height	7.50mm ±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	47µH ±20% at 1kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	2.7A (10% Down)
Rated Current (Temperature Rise) [Typ.]	3A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	52.8mΩ
DC Resistance [Max.]	63.36mΩ
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

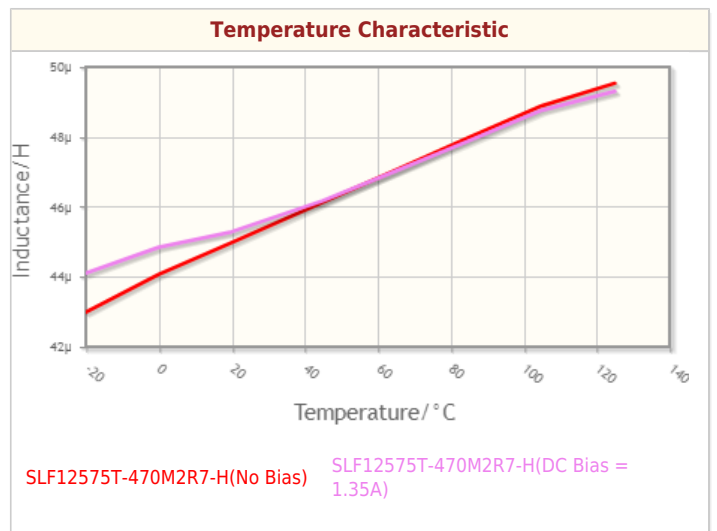
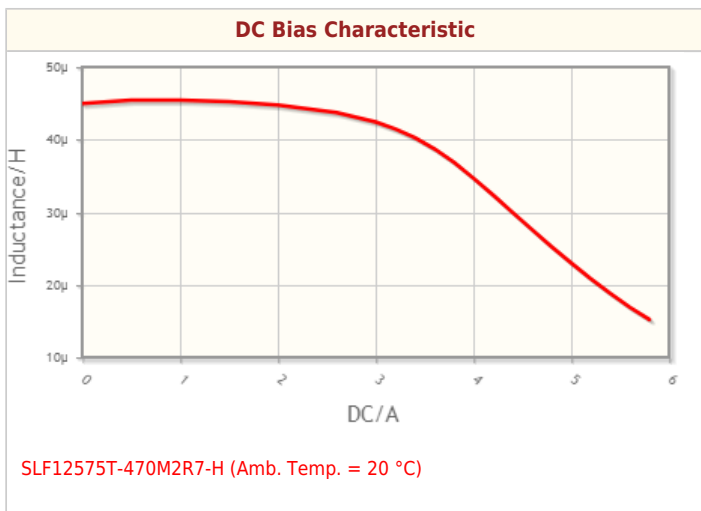
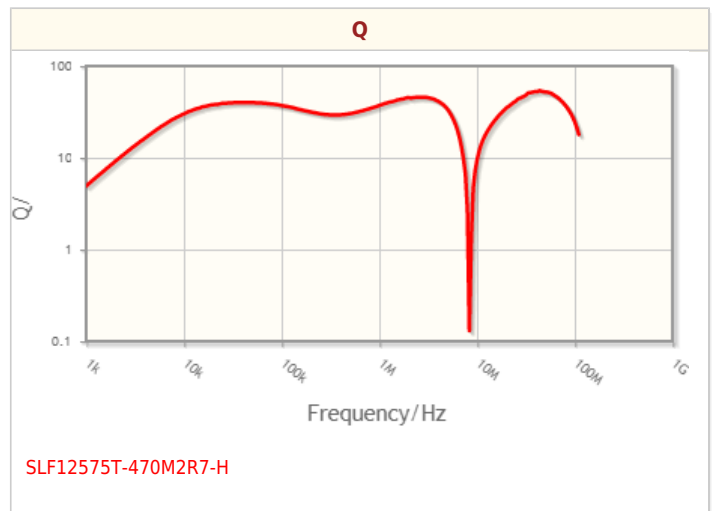
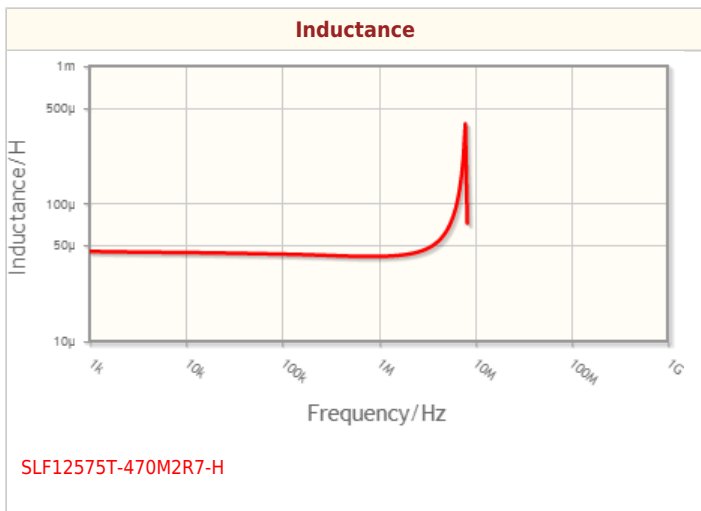
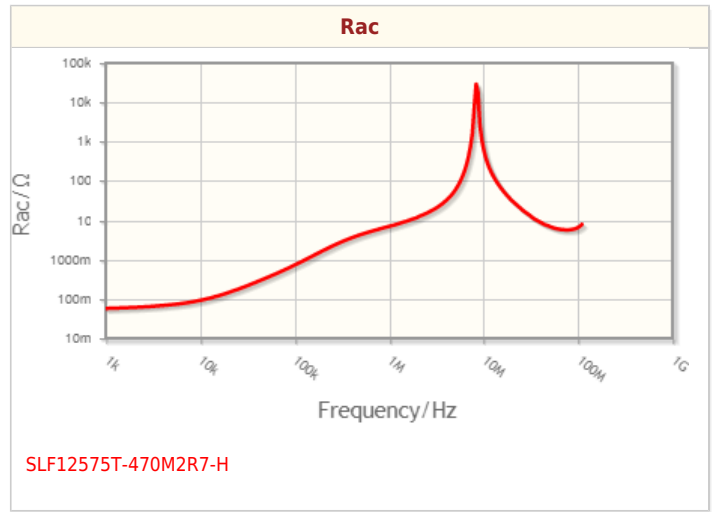
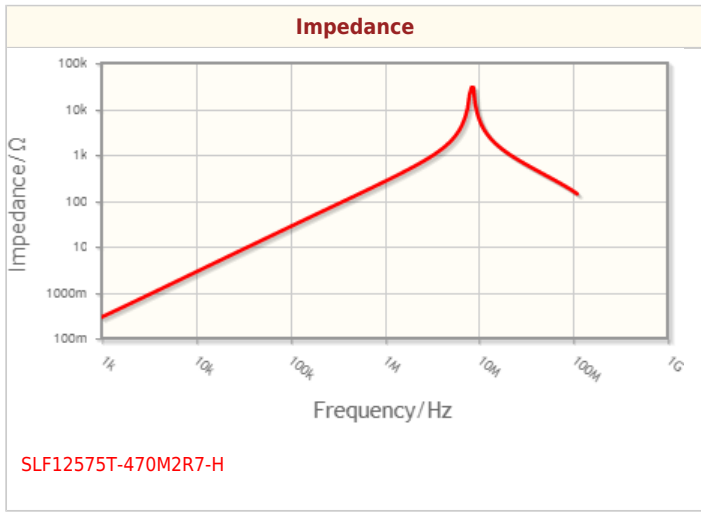
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 125°C
Soldering Method	Reflow
	Iron Soldering
AEC-Q200	Yes
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	500pcs
Weight	3.7g

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! 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.)

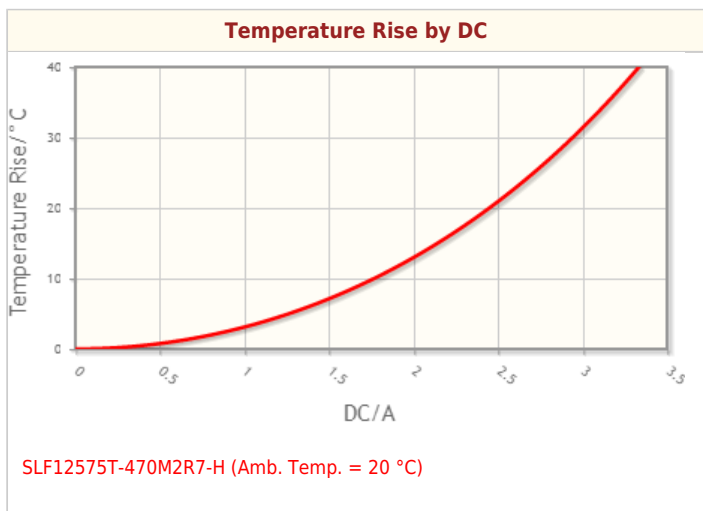


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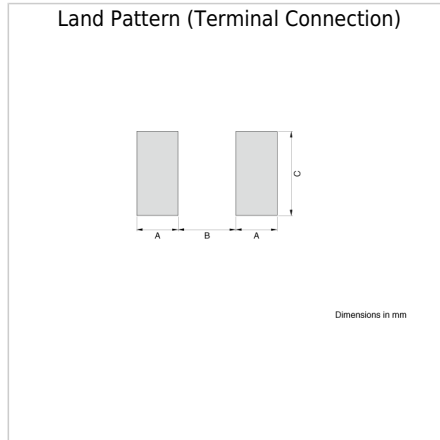
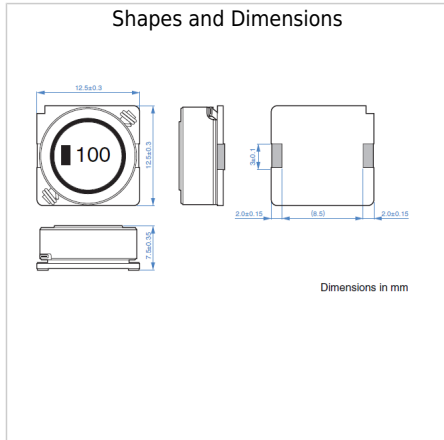


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Associated Images



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