

SLF12575T-220M4R0-H

Applications  Automotive Grade

Feature  Wire Wound

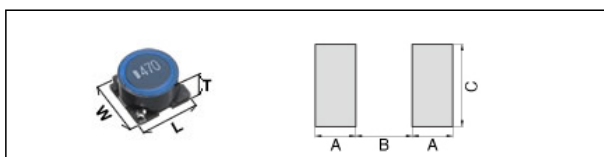
 Magnetic Shield

 Ferrite Core

 AEC-Q200

Series SLF-H Series / SLF12575-H Type

Status PROD



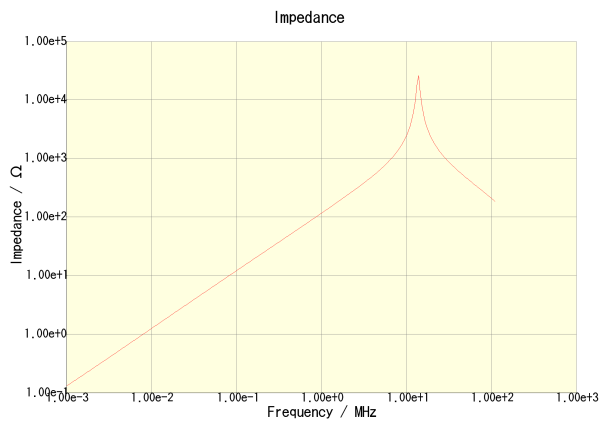
Size	
Length(L)	12.50mm +/-0.30mm
Width(W)	12.50mm +/-0.30mm
Thickness(T)	7.50mm +/-0.35mm
Recommended Land Pattern (A)	2.60mm Nom.
Recommended Land Pattern (B)	8.50mm Nom.
Recommended Land Pattern (C)	3.20mm Nom.

Electrical Characteristics	
Inductance	22uH +/-20% at 1kHz
Rated Current (L Change) [Max.]	4A (10% Down)
Rated Current (Temperature Rise) [Typ.]	4A (40degC Rise)
DC Resistance [Nom.]	26.3mΩ
DC Resistance [Max.]	31.56mΩ

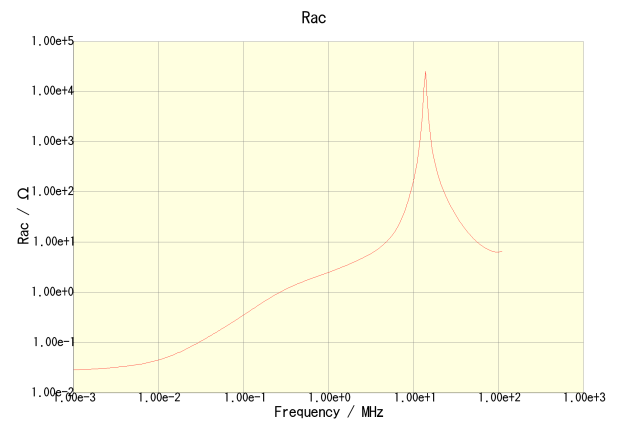
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 125degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	Yes
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	500Pcs Min.
Weight	3.4g

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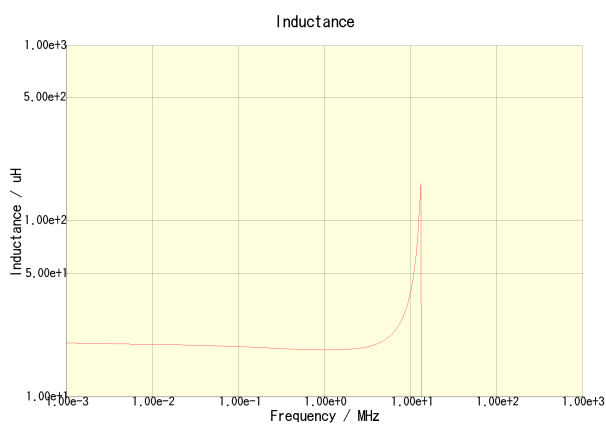
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



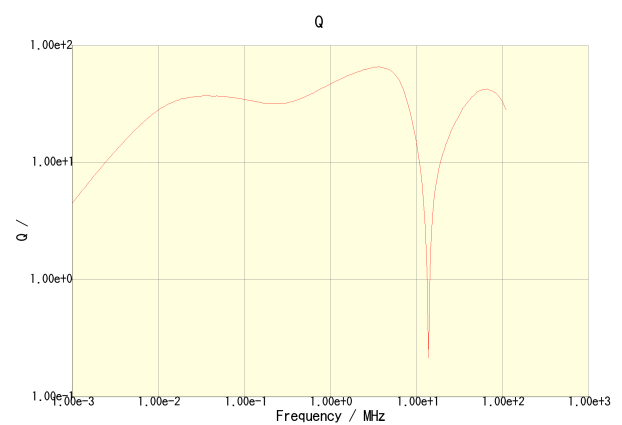
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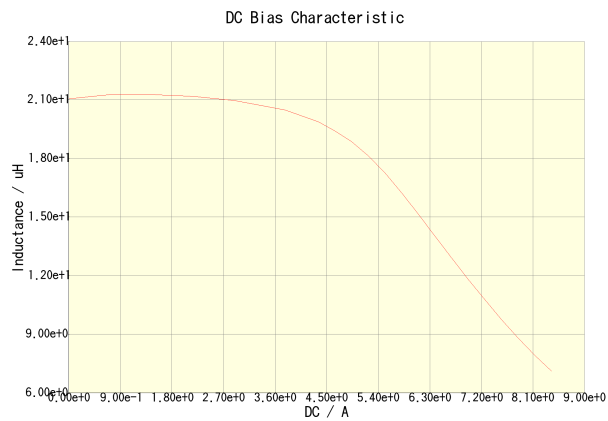
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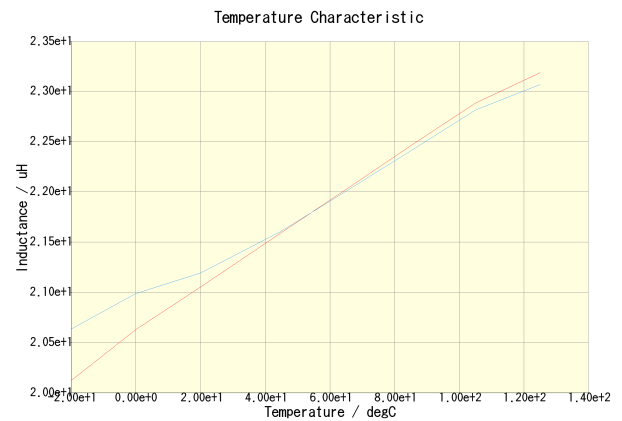
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SLF12575T-220M4R0-H(Amb. Temp. = 20degc)



SLF12575T-220M4R0-H(DC = 0A)

SLF12575T-220M4R0-H(DC = 2A)

Temperature Rise by DC

no data available