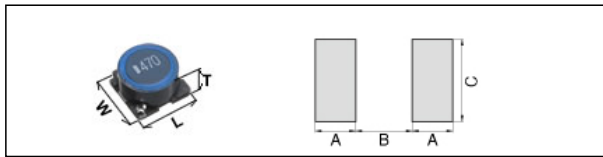


SLF12575T-221M1R3-H

Applications	 Automotive Grade
Feature	Wire Wound Wire Wound Shield Magnetic Shield Ferrite Core Ferrite Core AEC-Q200 AEC-Q200
Series	SLF-H Series / SLF12575-H Type
Status	Production



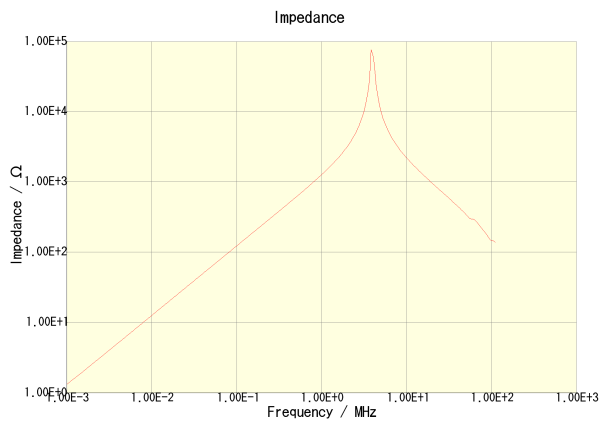
Size	
Length(L)	12.50mm +/-0.30mm
Width(W)	12.50mm +/-0.30mm
Thickness(T)	7.50mm +/-0.35mm
Recommended Land Pattern (A)	2.60mm Nom.
Recommended Land Pattern (B)	8.50mm Nom.
Recommended Land Pattern (C)	3.20mm Nom.

Electrical Characteristics	
Inductance	220uH +/-20% at 1kHz
Rated Current (L Change) [Max.]	1.3A (10% Down)
Rated Current (Temperature Rise) [Typ.]	1.3A (40degC Rise)
DC Resistance [Nom.]	258mΩ
DC Resistance [Max.]	309.6mΩ

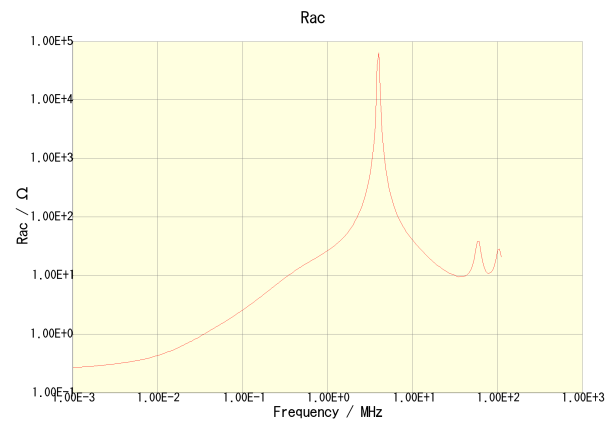
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 125degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	Yes
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	500Pcs Min.
Weight	3.4g

SLF12575T-221M1R3-H

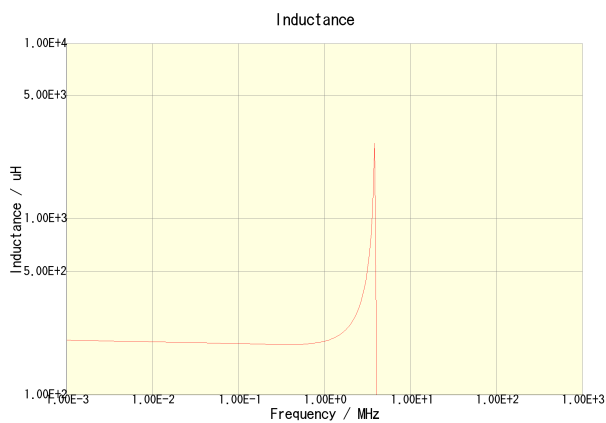
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



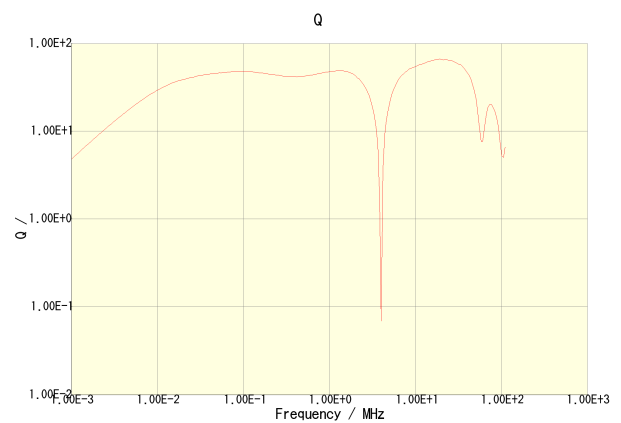
SLF12575T-221M1R3-H



SLF12575T-221M1R3-H



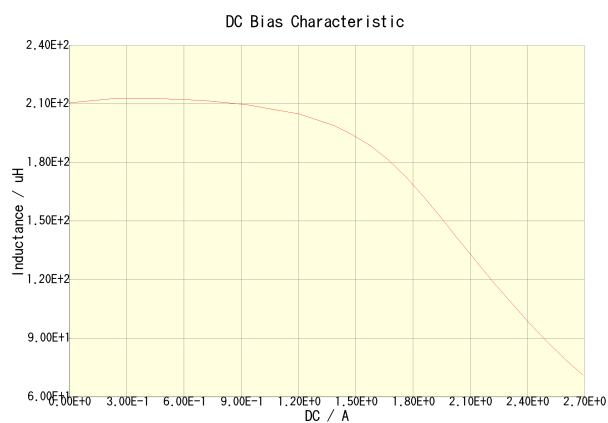
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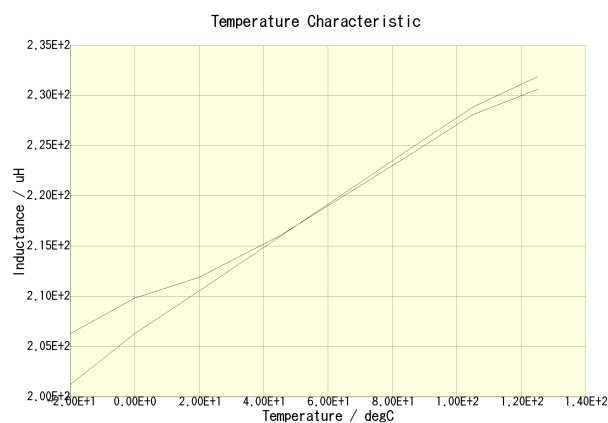
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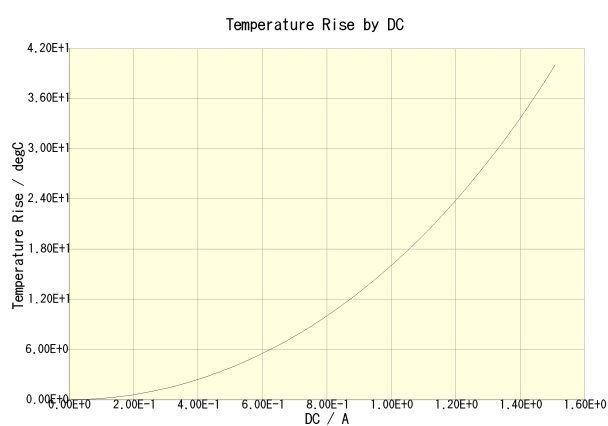
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



SLF12575T-221M1R3-H(Amb. Temp. = 20degc)



SLF12575T-221M1R3-H(DC = 0A) SLF12575T-221M1R3-H(DC = 0.65A)



SLF12575T-221M1R3-H(Amb. Temp. = 20degc)