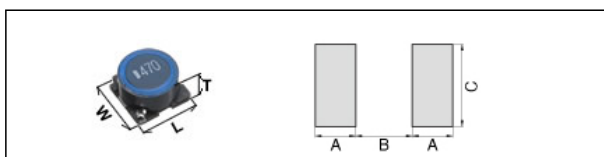


SLF10145T-100M2R5-H

Applications	 Automotive Grade
Feature	Wire Wound Wire Wound Shield Magnetic Shield Ferrite Core Ferrite Core AEC-Q200 AEC-Q200
Series	SLF-H Series / SLF10145-H Type
Status	Production



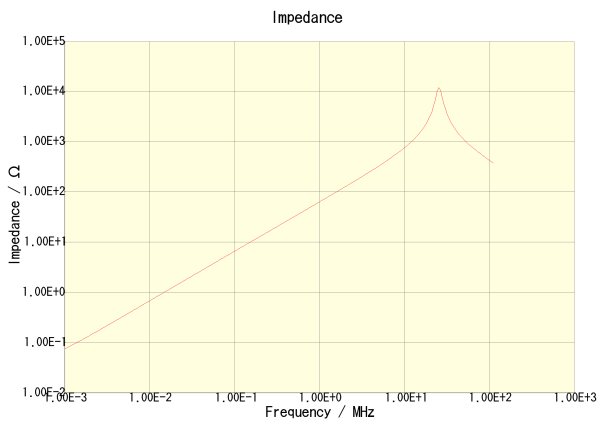
Size	
Length(L)	10.10mm +/-0.30mm
Width(W)	10.10mm +/-0.30mm
Thickness(T)	4.50mm +/-0.30mm
Recommended Land Pattern (A)	2.50mm Nom.
Recommended Land Pattern (B)	5.60mm Nom.
Recommended Land Pattern (C)	3.20mm Nom.

Electrical Characteristics	
Inductance	10uH +/-20% at 1kHz
Rated Current (L Change) [Max.]	3A (10% Down)
Rated Current (Temperature Rise) [Typ.]	2.5A (30degC Rise)
DC Resistance [Nom.]	36.4mΩ
DC Resistance [Max.]	43.68mΩ

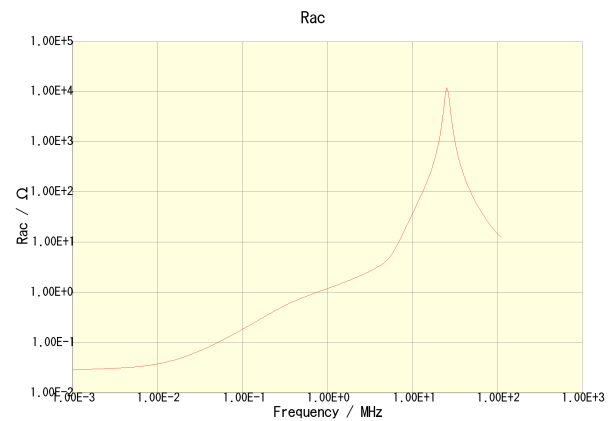
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 125degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	Yes
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	500Pcs Min.
Weight	1.3g

SLF10145T-100M2R5-H

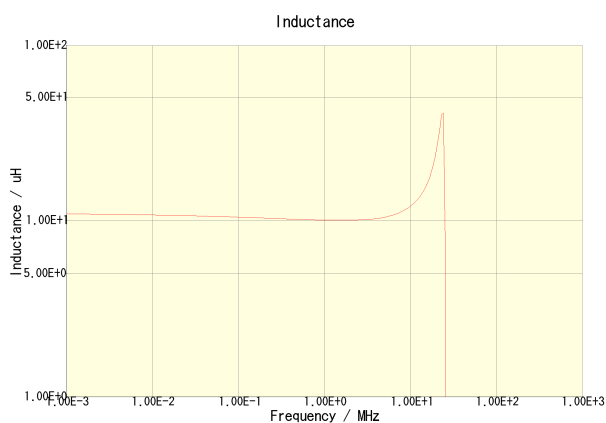
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



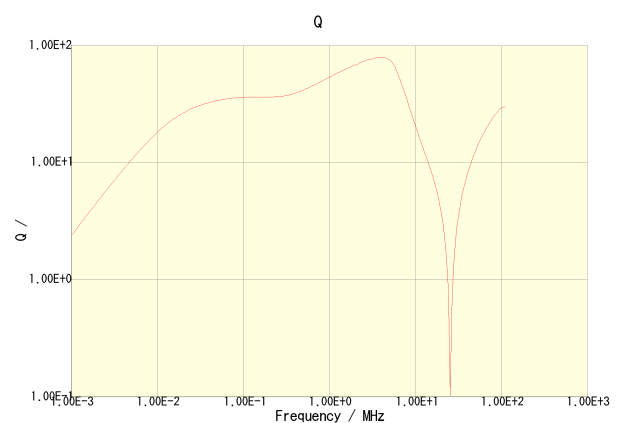
SLF10145T-100M2R5-H



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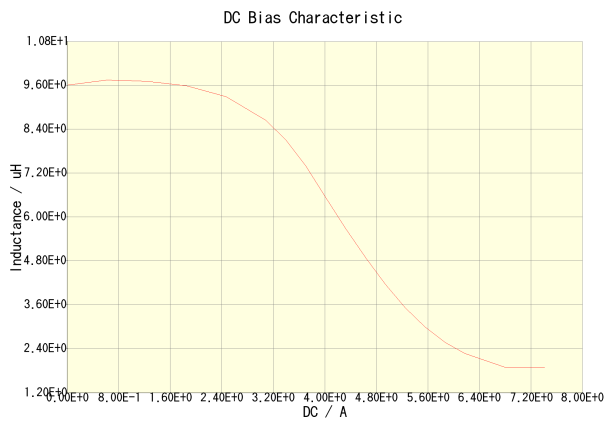
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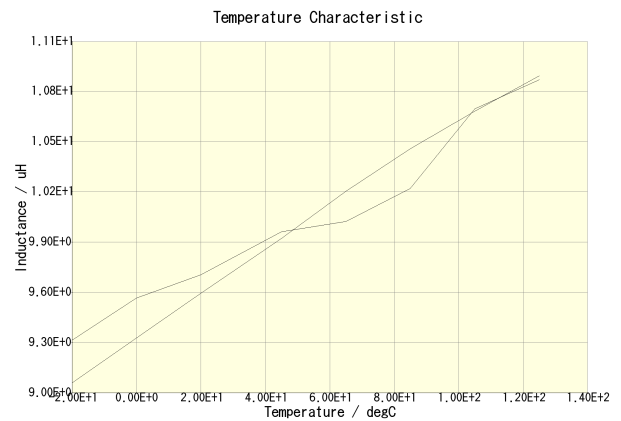
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SLF10145T-100M2R5-H

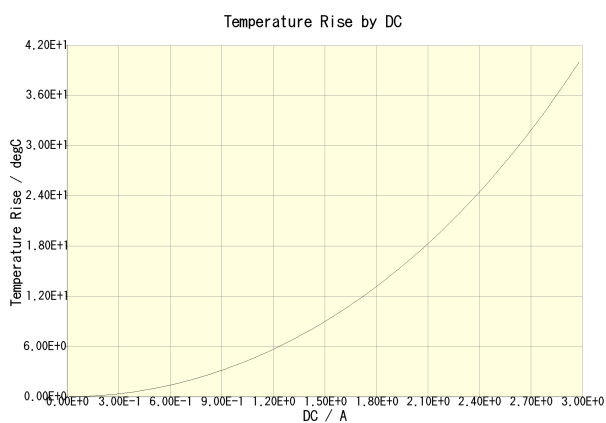
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



SLF10145T-100M2R5-H(Amb. Temp. = 20degc)



SLF10145T-100M2R5-H(DC = 0A) SLF10145T-100M2R5-H(DC = 1.25A)



SLF10145T-100M2R5-H(Amb. Temp. = 20degc)