
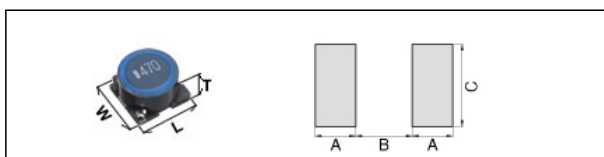


SLF12565T-330M2R8-H

Applications	 Automotive Grade
Feature	<div>Wire Wound</div> <div>Wire Wound</div> <div>Shield</div> <div>Magnetic Shield</div> <div>Ferrite Core</div> <div>Ferrite Core</div> <div>AEC-Q200</div> <div>AEC-Q200</div>
Series	SLF-H Series / SLF12565-H Type
Status	PROD



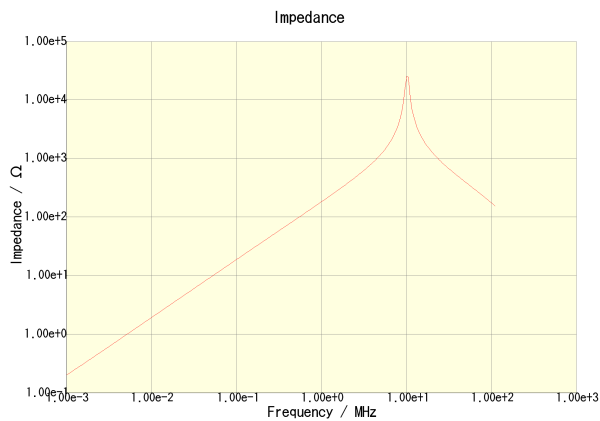
Size	
Length(L)	12.50mm +/-0.30mm
Width(W)	12.50mm +/-0.30mm
Thickness(T)	6.50mm +/-0.35mm
Recommended Land Pattern (A)	2.60mm Nom.
Recommended Land Pattern (B)	8.50mm Nom.
Recommended Land Pattern (C)	3.20mm Nom.

Electrical Characteristics	
Inductance	33uH +/-20% at 1kHz
Rated Current (L Change) [Max.]	2.8A (10% Down)
Rated Current (Temperature Rise) [Typ.]	3.4A (40degC Rise)
DC Resistance [Nom.]	40.6mΩ
DC Resistance [Max.]	48.72mΩ

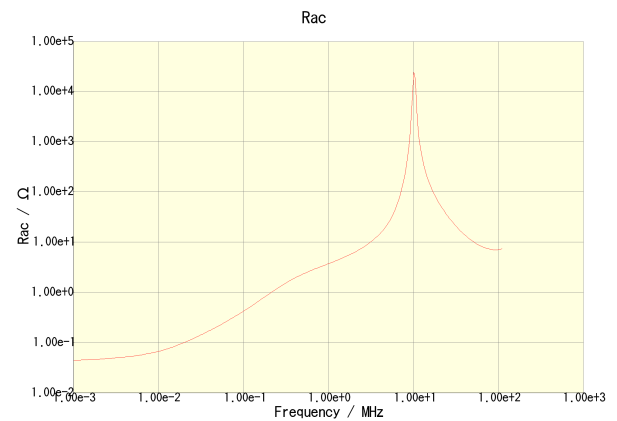
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 125degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	Yes
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	500Pcs Min.
Weight	2.4g

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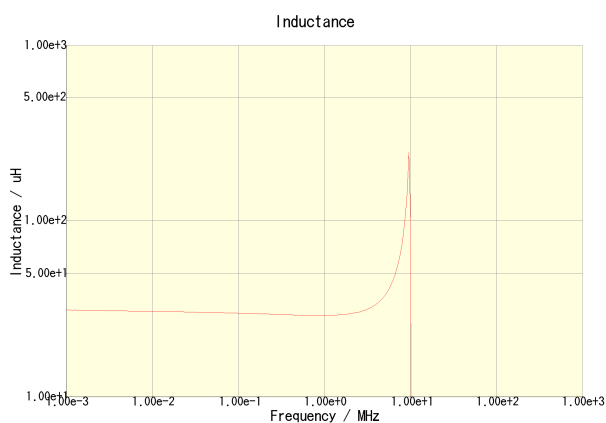
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



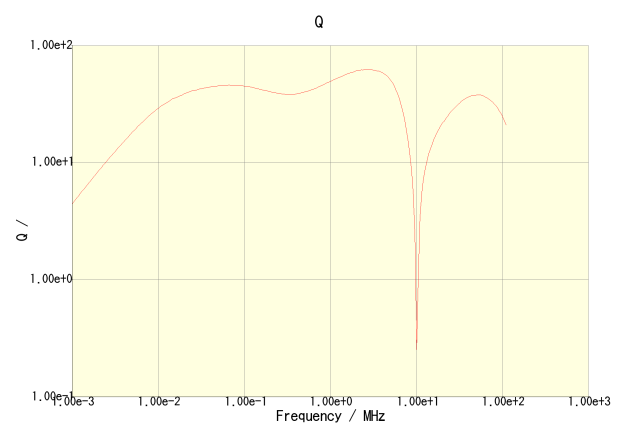
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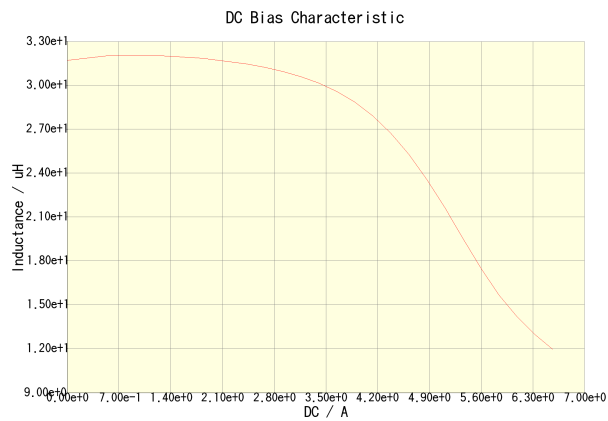
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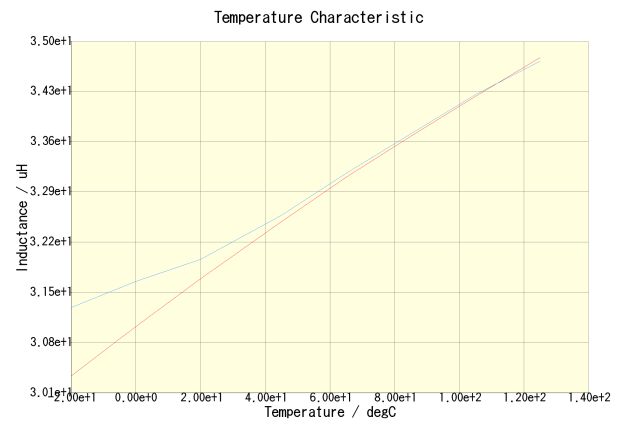
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SLF12565T-330M2R8-H(Amb. Temp. = 20degc)



SLF12565T-330M2R8-H(DC = 0A)

SLF12565T-330M2R8-H(DC = 1.4A)

Temperature Rise by DC

no data available