

Excellent Integrated System Limited

Stocking Distributor

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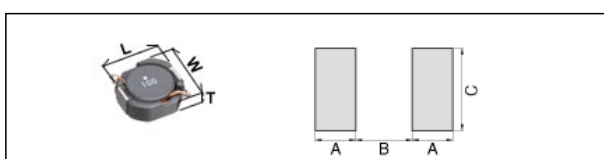
[CLF10040T-3R3N-CA](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

CLF10040T-3R3N-CA

Applications		Automotive Grade
Feature		Wire Wound
		Magnetic Shield
		Ferrite Core
		AEC-Q200
Series	CLF-CA Series / CLF10040-CA Type	
Status	Production	



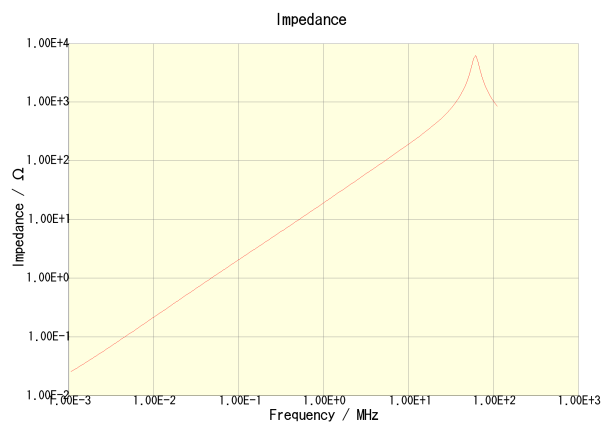
Size	
Length(L)	10.00mm +/-0.30mm
Width(W)	9.70mm +/-0.30mm
Thickness(T)	3.80mm +/-0.30mm
Recommended Land Pattern (A)	2.50mm Nom.
Recommended Land Pattern (B)	5.60mm Nom.
Recommended Land Pattern (C)	3.20mm Nom.

Electrical Characteristics	
Inductance	3.3uH +/-30% at 100kHz
Rated Current (L Change) [Typ.]	6.6A (10% Down)
Rated Current (Temperature Rise) [Typ.]	4.8A (30degC Rise)
DC Resistance [Nom.]	11mΩ
DC Resistance [Max.]	14.3mΩ

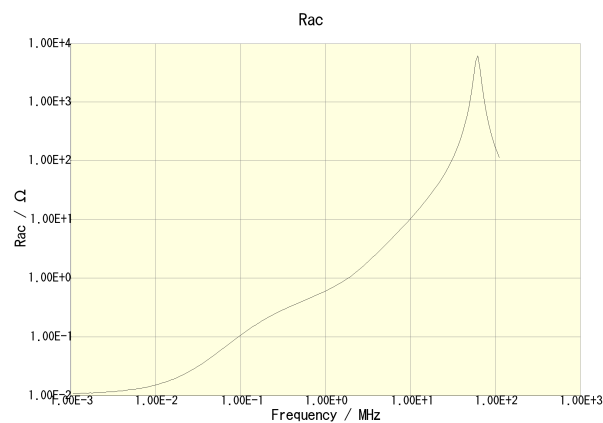
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	Yes
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	800Pcs Min.
Weight	1.3g

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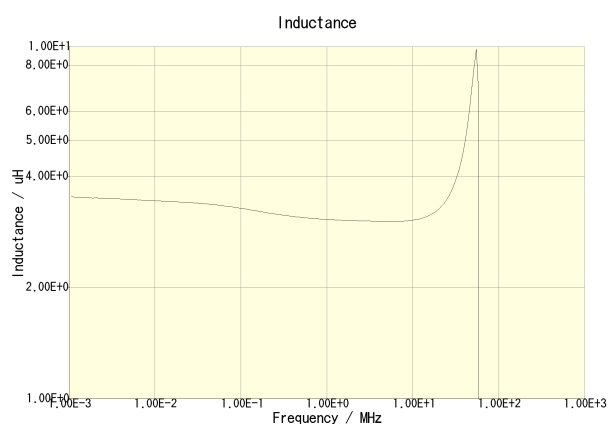
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



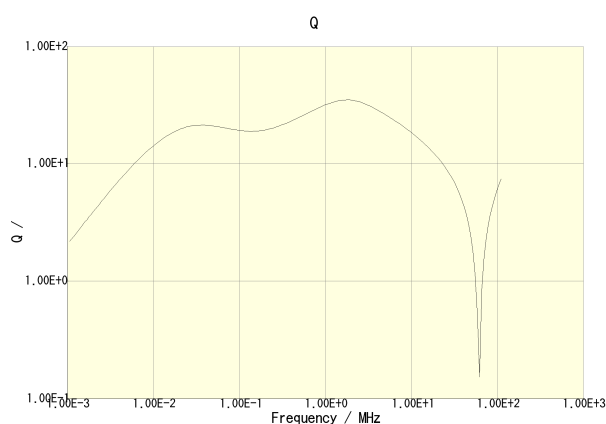
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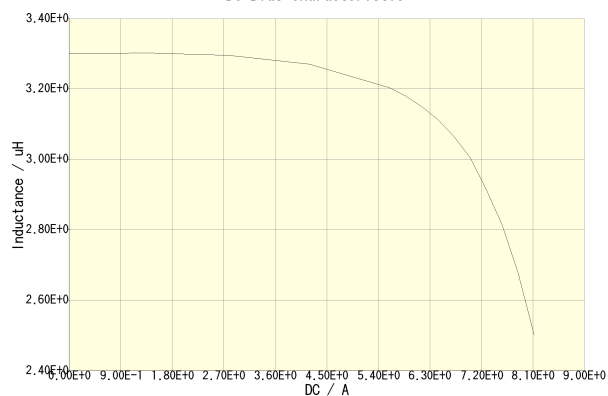


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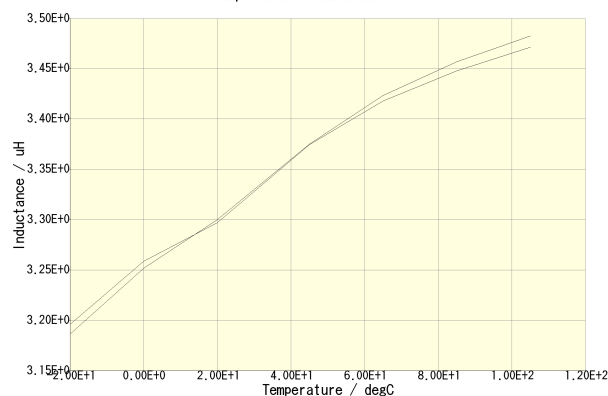
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DC Bias Characteristic



CLF10040T-3R3N-CA(Amb. Temp. = 20degc)

Temperature Characteristic



CLF10040T-3R3N-CA(DC = 0A)

CLF10040T-3R3N-CA(DC = 2.4A)

Temperature Rise by DC



CLF10040T-3R3N-CA(Amb. Temp. = 20degc)