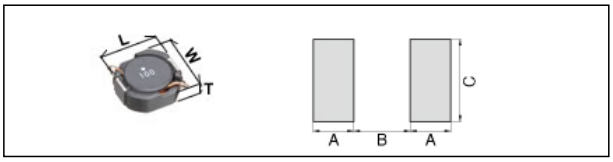
Creation Date :December 29 2015

CLF10040T-221M-CA

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



Lead Free REACH RoHS COMPLIANT

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.

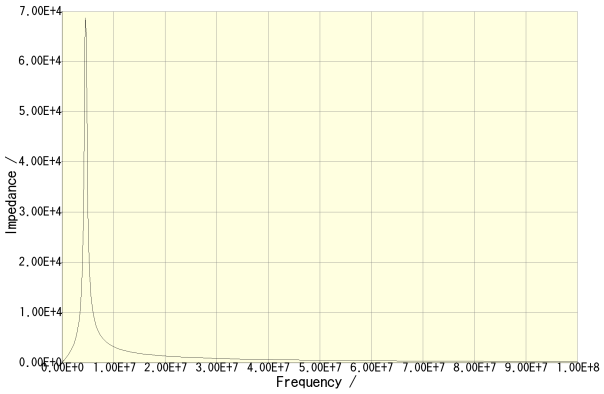
Electrical Characteristics	
Inductance	220uH +/-20% at 100kHz
Rated Current (L Change) [Typ.]	880mA (10% Down)
Rated Current (Temperature Rise) [Typ.]	700mA (30degC Rise)
DC Resistance [Nom.]	520mΩ
DC Resistance [Max.]	624mΩ

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

CLF10040T-221M-CA

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

Impedance



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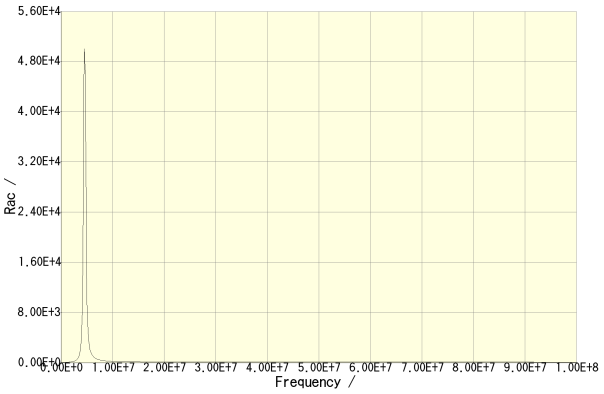
Rac



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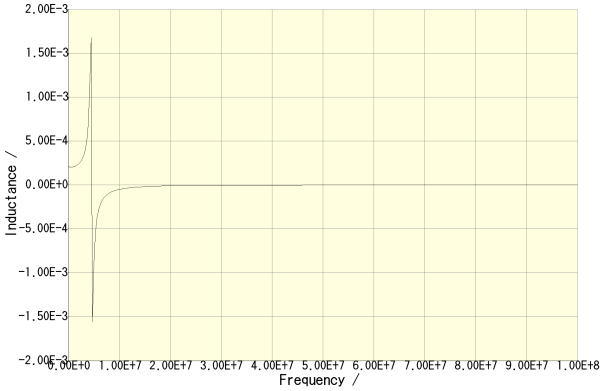
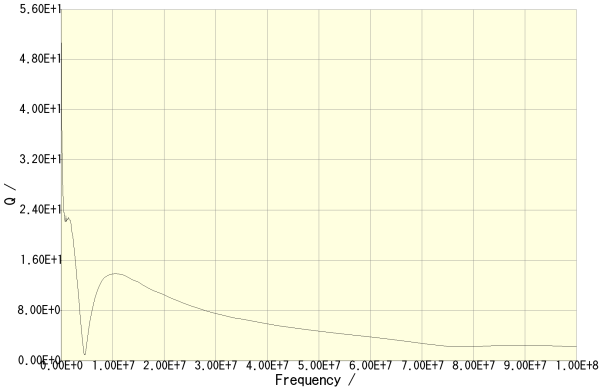
Inductance



CLF10040T-221M-CA

Q



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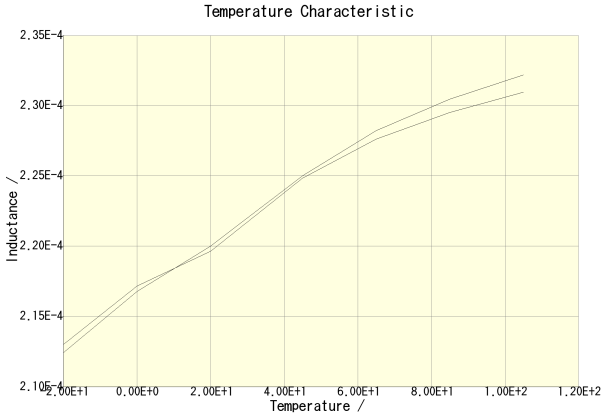
DC Bias Characteristic

no data available



CLF10040T-221M-CA(DC = 0A) **CLF10040T-221M-CA(DC = 0.35A)**

Temperature Rise by DC

no data available