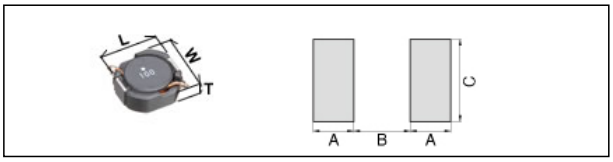
Creation Date :January 26 2016

CLF7045T-2R2N-CA

Applications		Automotive Grade
Feature	Wire Wound	Wire Wound
	Shield	Magnetic Shield
	Ferrite Core	Ferrite Core
	AEC-Q200	AEC-Q200
Series	CLF-CA Series / CLF7045-CA Type	
Status	Production	



Lead Free REACH RoHS COMPLIANT

Size	
Length(L)	7.20mm +/-0.20mm
Width(W)	6.90mm +/-0.20mm
Thickness(T)	4.50mm +/-0.30mm
Recommended Land Pattern (A)	1.70mm Nom.
Recommended Land Pattern (B)	4.40mm Nom.
Recommended Land Pattern (C)	2.20mm Nom.

Electrical Characteristics	
Inductance	2.2uH +/-30% at 100kHz
Rated Current (L Change) [Typ.]	5.5A (10% Down)
Rated Current (Temperature Rise) [Typ.]	4.3A (30degC Rise)
DC Resistance [Nom.]	14.6mΩ
DC Resistance [Max.]	18.98mΩ

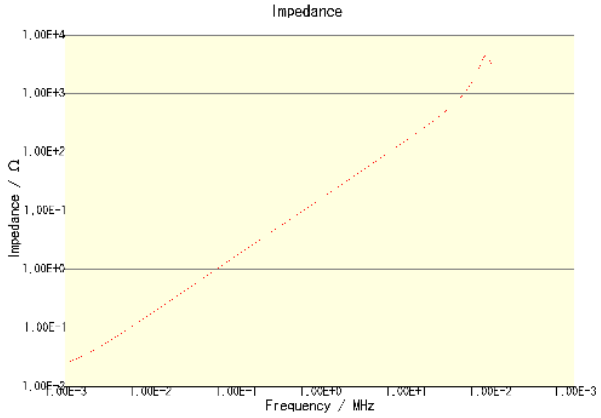
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	Yes
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	1000Pcs Min.
Weight	0.8g

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•All specifications are subject to change without notice.

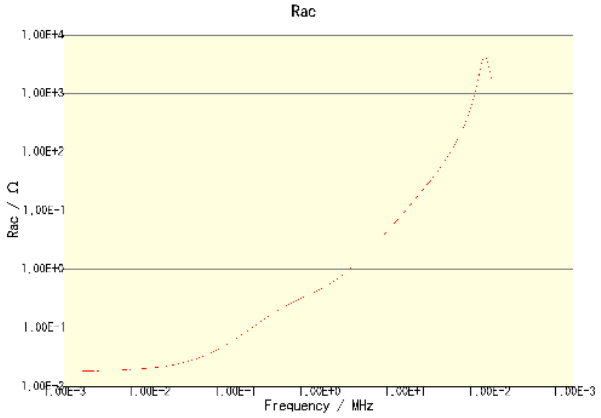
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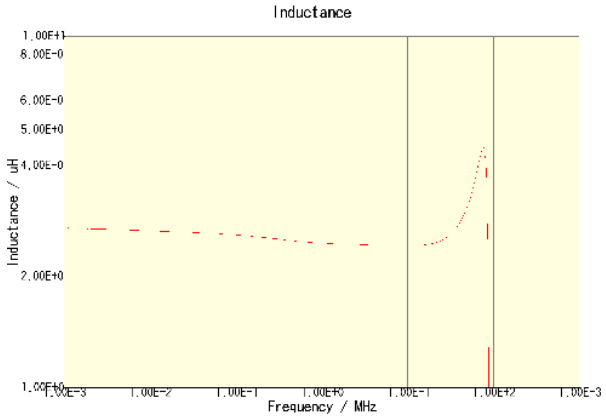
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



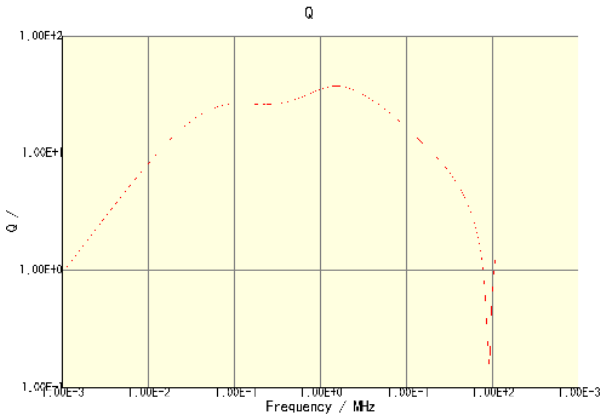
CLF7045T-2R2N-CA



CLF7045T-2R2N-CA



CLF7045T-2R2N-CA



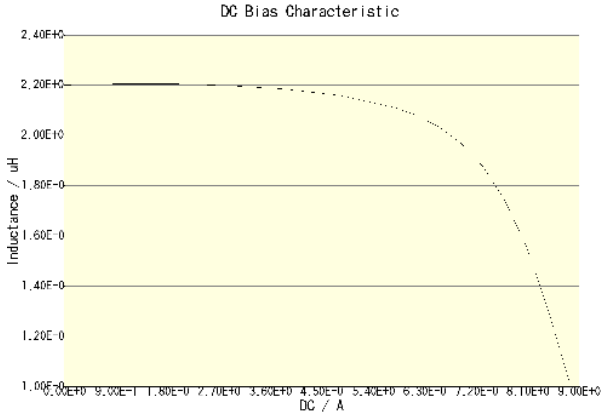
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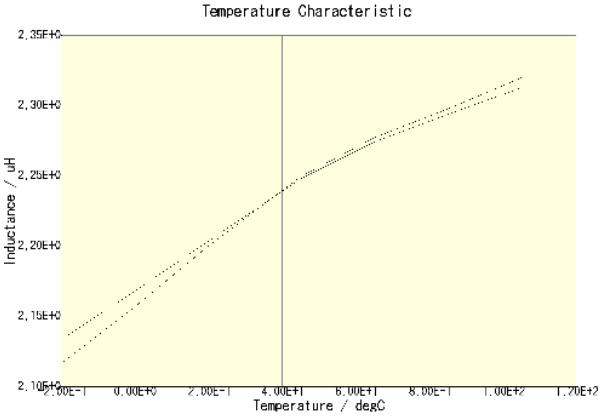
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CLF7045T-2R2N-CA

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

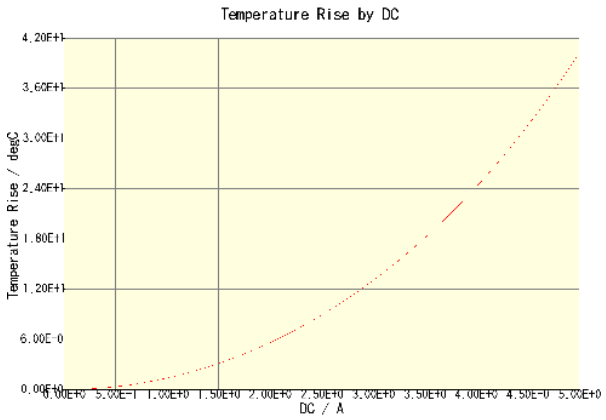


CLF7045T-2R2N-CA(Amb. Temp. = 20degc)



CLF7045T-2R2N-CA(DC = 0A)

CLF7045T-2R2N-CA(DC = 2.15A)



CLF7045T-2R2N-CA(Amb. Temp. = 20degc)

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