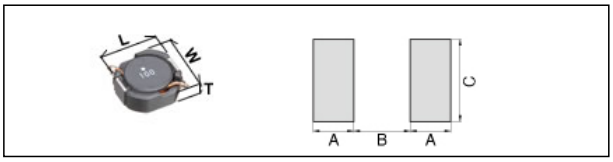
Creation Date :June 17 2014

CLF6045T-100M-CA

Applications		Automotive Grade
Feature	Wire Wound	Wire Wound
	Shield	Magnetic Shield
	Ferrite Core	Ferrite Core
	AEC-Q200	AEC-Q200
Series	CLF-CA Series / CLF6045-CA Type	
Status	PROD	



Lead Free REACH RoHS COMPLIANT

Size	
Length(L)	6.20mm +/-0.20mm
Width(W)	5.90mm +/-0.20mm
Thickness(T)	4.50mm +/-0.30mm
Recommended Land Pattern (A)	1.70mm Nom.
Recommended Land Pattern (B)	3.60mm Nom.
Recommended Land Pattern (C)	2.20mm Nom.

Electrical Characteristics	
Inductance	10uH +/-20% at 100kHz
Rated Current (L Change) [Typ.]	1.7A (10% Down)
Rated Current (Temperature Rise) [Typ.]	2.4A (30degC Rise)
DC Resistance [Nom.]	38mΩ
DC Resistance [Max.]	45.6mΩ

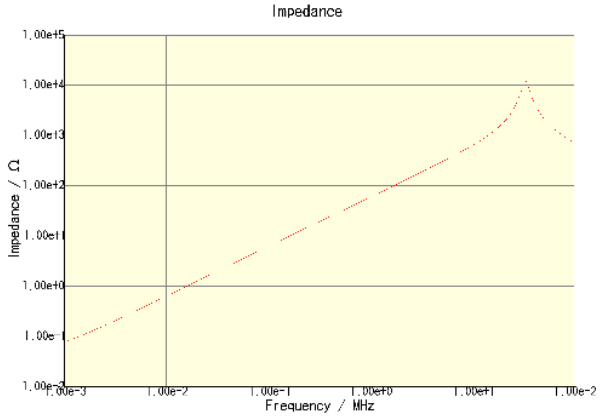
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	Yes
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	1000Pcs Min.
Weight	0.6g

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•All specifications are subject to change without notice.

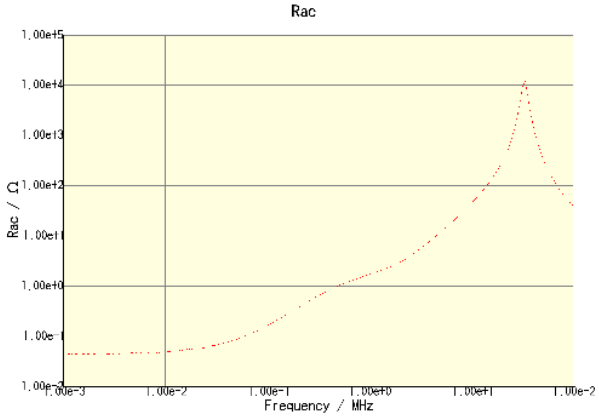
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CLF6045T-100M-CA

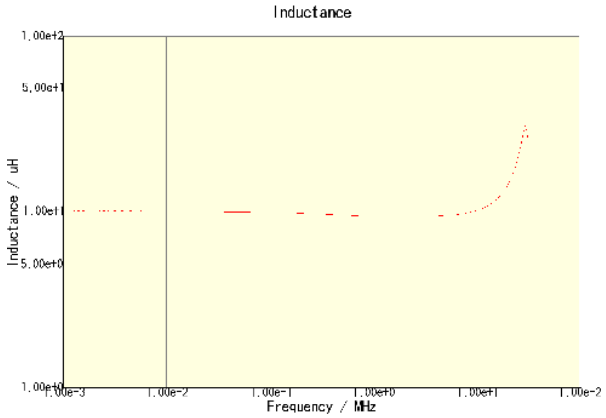
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



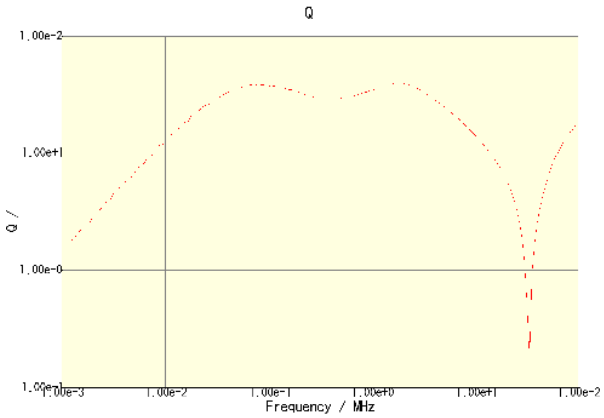
CLF6045T-100M-CA



CLF6045T-100M-CA



CLF6045T-100M-CA



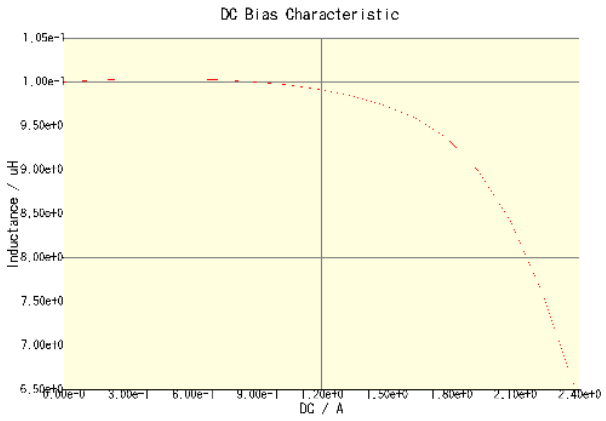
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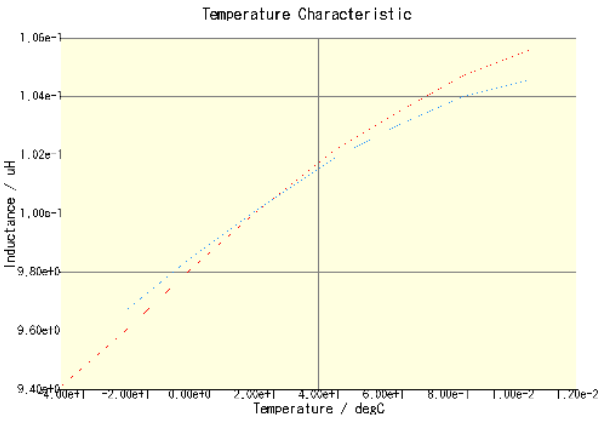
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CLF6045T-100M-CA

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

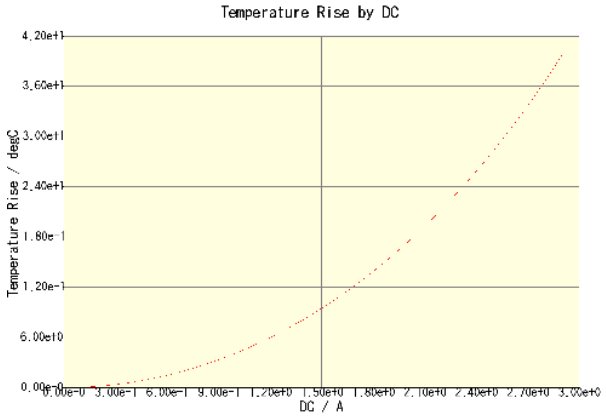


CLF6045T-100M-CA(Amb. Temp. = 20degc)



CLF6045T-100M-CA(DC = 0A)

CLF6045T-100M-CA(DC = 0.85A)



CLF6045T-100M-CA(Amb. Temp. = 20degc)

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