






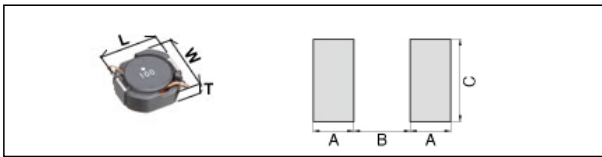


**THE DATASHEET OF  
CLF10040T-470M-CA**



# CLF10040T-470M-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.

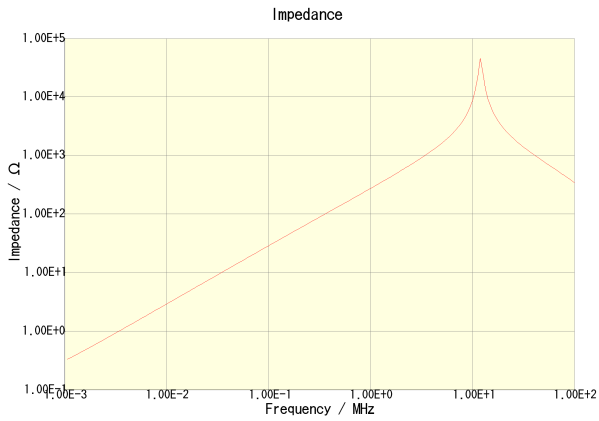
Electrical Characteristics	
Inductance	47uH +/-20% at 100kHz
Rated Current (L Change) [Typ.]	1.9A (10% Down)
Rated Current (Temperature Rise) [Typ.]	1.3A (30degC Rise)
DC Resistance [Nom.]	125mΩ
DC Resistance [Max.]	150mΩ

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

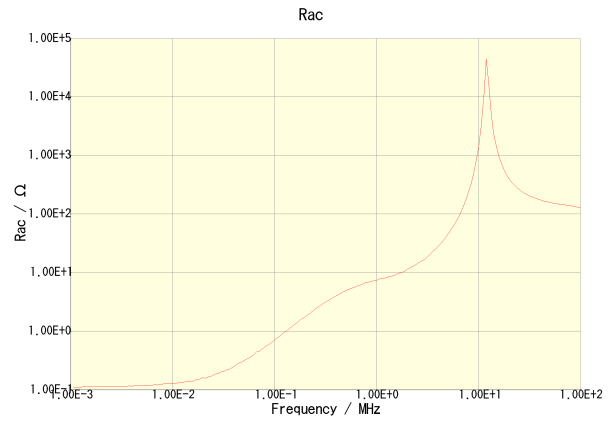
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 •All specifications are subject to change without notice.

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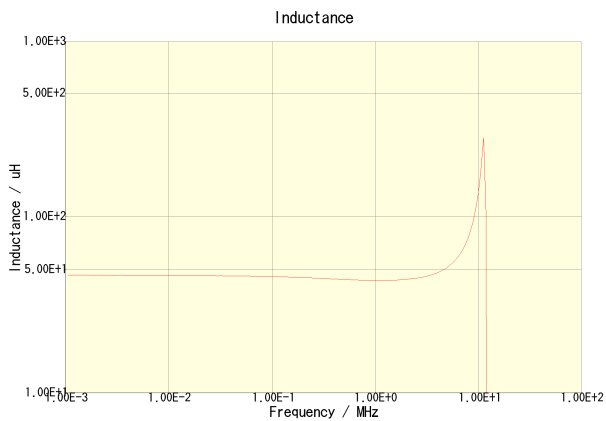
**Characteristic Graphs** (This is reference data, and does not guarantee the product's characteristics.)



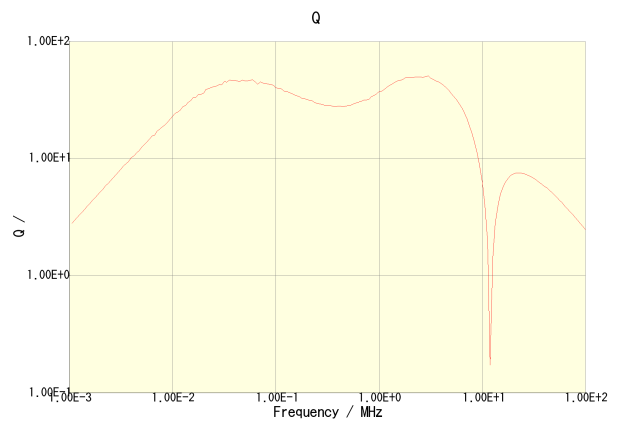
CLF10040T-470M-CA



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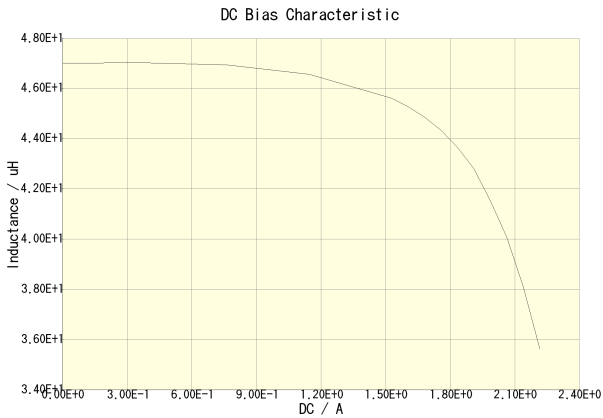


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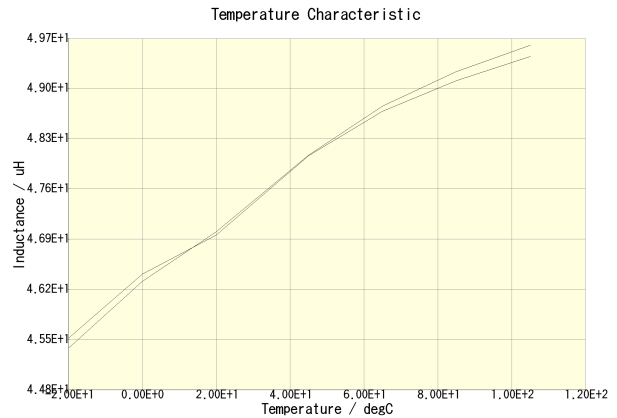
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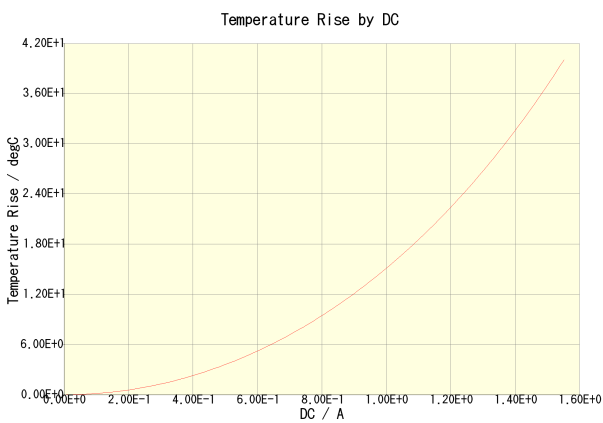


**CLF10040T-470M-CA(Amb. Temp. = 20degc)**



**CLF10040T-470M-CA(DC = 0A)**

**CLF10040T-470M-CA(DC = 0.65A)**



**CLF10040T-470M-CA(Amb. Temp. = 20degc)**

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- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
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