

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[TDK Corporation](#)
[CLF6045T-331M-CA](#)

For any questions, you can email us directly:


sales@integrated-circuit.com

CLF6045T-331M-CA

Applications  Automotive Grade

Feature  Wire Wound

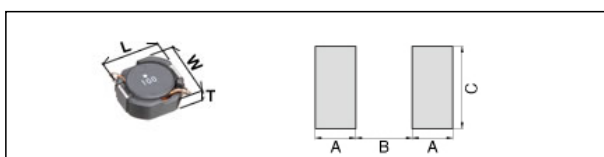
 Magnetic Shield

 Ferrite Core

 AEC-Q200

Series CLF-CA Series / CLF6045-CA Type

Status PROD



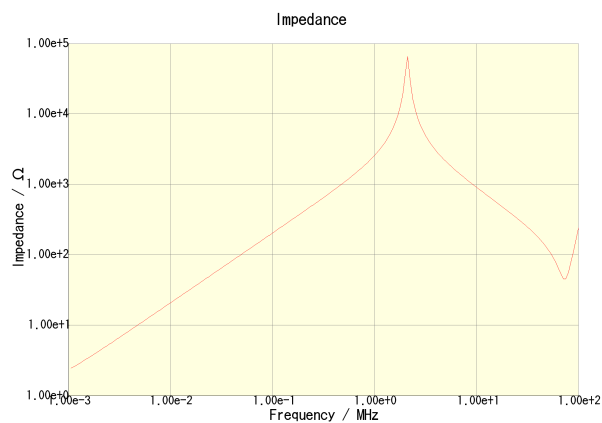
Size	
Length(L)	6.20mm +/-0.20mm
Width(W)	5.90mm +/-0.20mm
Thickness(T)	4.50mm +/-0.30mm
Recommended Land Pattern (A)	1.70mm Nom.
Recommended Land Pattern (B)	3.60mm Nom.
Recommended Land Pattern (C)	2.20mm Nom.

Electrical Characteristics	
Inductance	330uH +/-20% at 100kHz
Rated Current (L Change) [Typ.]	350mA (10% Down)
Rated Current (Temperature Rise) [Typ.]	440mA (30degC Rise)
DC Resistance [Nom.]	970mΩ
DC Resistance [Max.]	1.164Ω

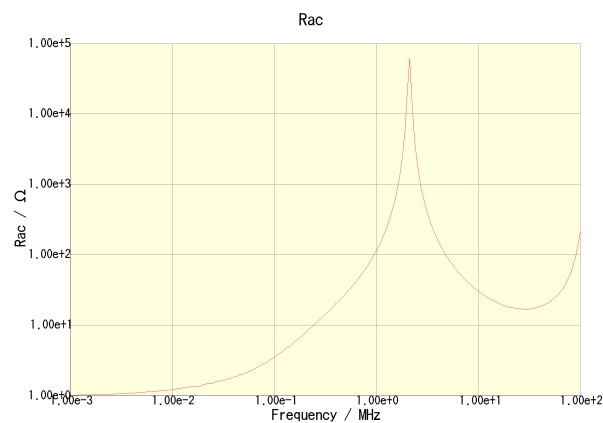
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	Yes
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	1000Pcs Min.
Weight	0.6g

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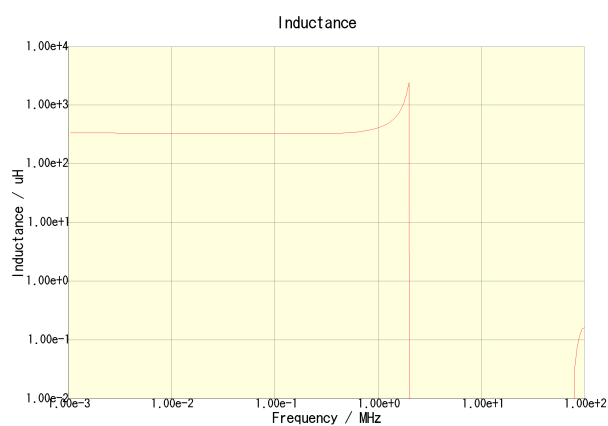
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



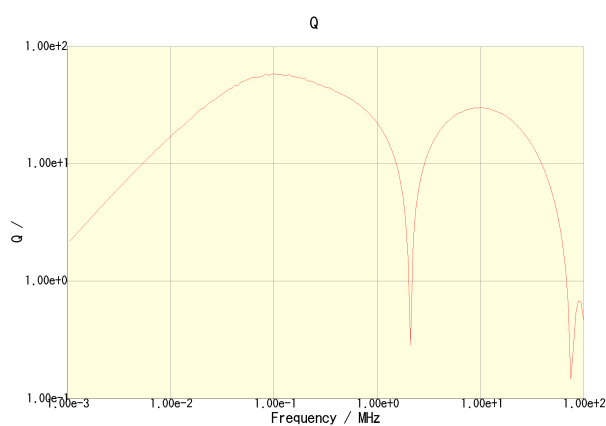
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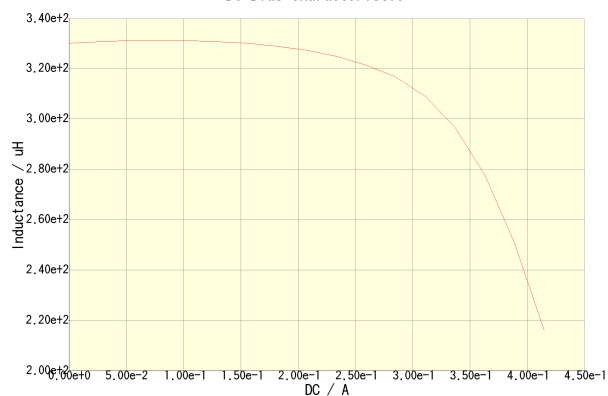


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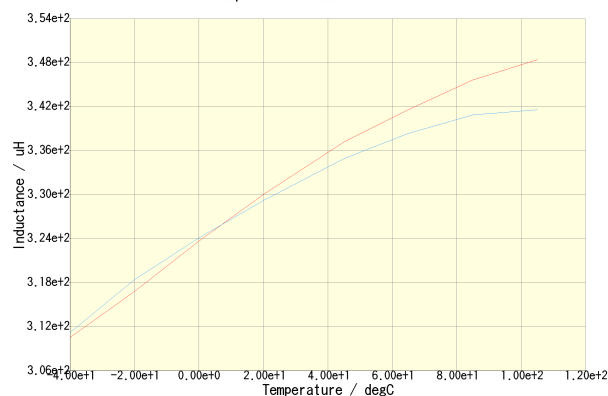
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DC Bias Characteristic



CLF6045T-331M-CA(Amb. Temp. = 20degc)

Temperature Characteristic



CLF6045T-331M-CA(DC = 0A)

CLF6045T-331M-CA(DC = 0.175A)

Temperature Rise by DC



CLF6045T-331M-CA(Amb. Temp. = 20degc)