

## **Excellent Integrated System Limited**

Stocking Distributor

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

TDK Corporation CLF6045T-330M-CA

For any questions, you can email us directly: sales@integrated-circuit.com



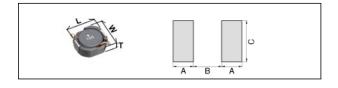
Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

Inductors(Coils)

1 of 3 Creation Date :June 18 2014

### CLF6045T-330M-CA

Applications	<b>=</b>	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	









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	33uH +/-20% at 100kHz			
Rated Current (L Change) [Typ.]	1.07A (10% Down)			
Rated Current (Temperature Rise) [Typ.]	1.5A (30degC Rise)			
DC Resistance [Nom.]	103mΩ			
DC Resistance [Max.]	123.6mΩ			

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			

•This PDF document was created based on the data listed on the TDK Corporation website.

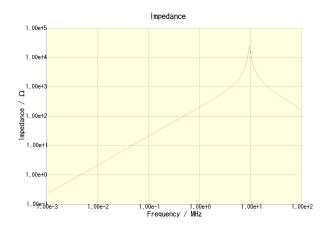
Inductors(Coils)

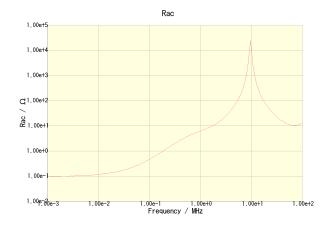
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#### CLF6045T-330M-CA

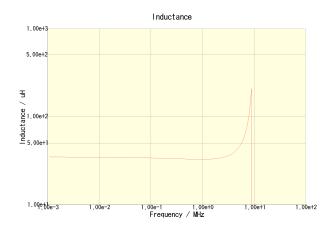
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)

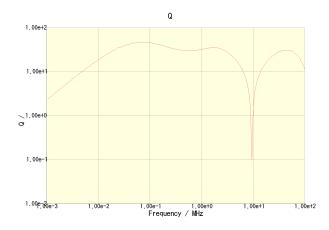




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#### **Distributor of TDK Corporation: Excellent Integrated System Limited**

Datasheet of CLF6045T-330M-CA - FIXED IND 33UH 1.5A 123.6 MOHM

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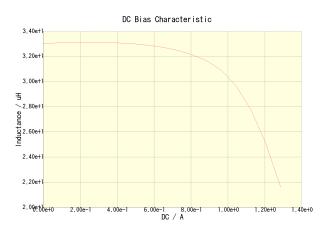
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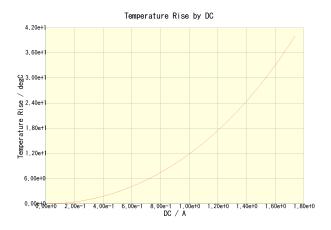




CLF6045T-330M-CA(Amb. Temp. = 20degc)

CLF6045T-330M-CA(DC = 0A)

CLF6045T-330M-CA(DC = 0.535A)



CLF6045T-330M-CA(Amb. Temp. = 20degc)