

Excellent Integrated System Limited

Stocking Distributor

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

TDK Corporation CLF6045T-470M-CA

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



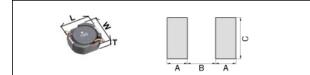
Distributor of TDK Corporation: Excellent Integrated System Limited Datasheet of CLF6045T-470M-CA - FIXED IND 47UH 1.3A 156 MOHM SMD Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

CLEGO4ET 470M CA

1 of 3 Creation Date :June 18 2014

CLF6045T-470M-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	





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	47uH +/-20% at 100kHz			
Rated Current (L Change) [Typ.]	900mA (10% Down)			
Rated Current (Temperature Rise) [Typ.]	1.3A (30degC Rise)			
DC Resistance [Nom.]	130mΩ			
DC Resistance [Max.]	156mΩ			

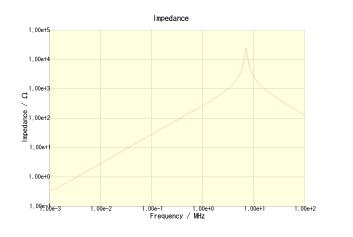
Other				
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105degC			
Soldering Method	Reflow, Iron Soldering			
AEC Q200	Yes			
Packing	Blister (Plastic)Taping [330mm Reel]			
Package Quantity	1000Pcs Min.			
Weight	0.6g			

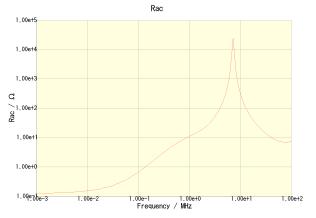


CLF6045T-470M-CA

2 of 3 Creation Date :June 18 2014

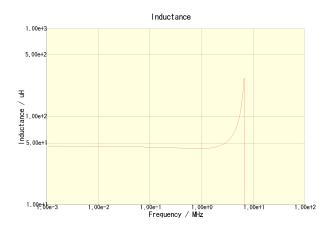
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)

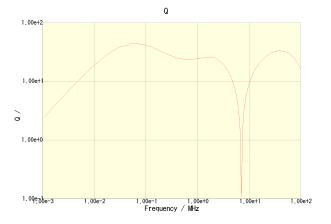




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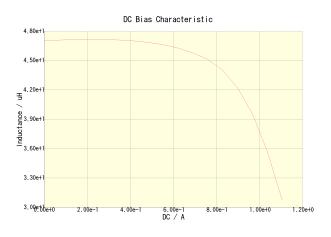
•This PDF document was created based on the data listed on the TDK Corporation website.

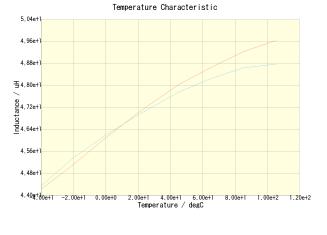


3 of 3 Creation Date :June 18 2014

CLF6045T-470M-CA

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

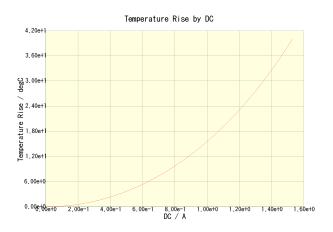




CLF6045T-470M-CA(Amb. Temp. = 20degc)

CLF6045T-470M-CA(DC = 0A)

CLF6045T-470M-CA(DC = 0.45A)



CLF6045T-470M-CA(Amb. Temp. = 20degc)