

# **Excellent Integrated System Limited**

Stocking Distributor

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

TDK Corporation VLF403210MT-100M-CA

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



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

Datasheet of VLF403210MT-100M-CA - FIXED IND 10UH 1.04A 310 MOHM Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

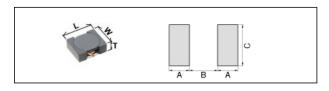
Inductors(Coils)

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Creation Date :June 18 2014

# VLF403210MT-100M-CA

Applications	<b>Æ</b>	Automotive Grade
Feature	Wire Wound	Wire Wound
	Shield	Magnetic Shield
	Ferrite Core	Ferrite Core
	AEC-Q200	AEC-Q200
Series	VLF-M Series / VLF403210MT-CA Type	
Status	PROD	











Size				
Length(L)	4.00mm +/-0.20mm			
Width(W)	3.20mm +/-0.20mm			
Thickness(T)	1.00mm Max.			
Recommended Land Pattern (A)	1.10mm Nom.			
Recommended Land Pattern (B)	1.30mm Nom.			
Recommended Land Pattern (C)	1.80mm Nom.			

Electrical Characteristics				
Inductance	10uH +/-20% at 1MHz			
Rated Current (L Change) [Typ.]	780mA (30% Down)			
Rated Current (L Change) [Max.]	700mA (30% Down)			
Rated Current (Temperature Rise) [Typ.]	1.04A (40degC Rise)			
DC Resistance [Nom.]	260mΩ			
DC Resistance [Max.]	310mΩ			

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105degC
Soldering Method	Reflow
AEC Q200	Yes
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	1000Pcs Min.
Weight	0.048g

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

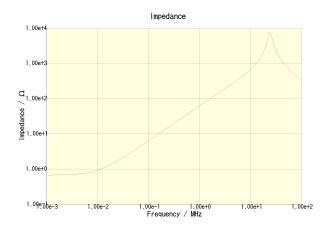
• All an additional are subject to about a without notice

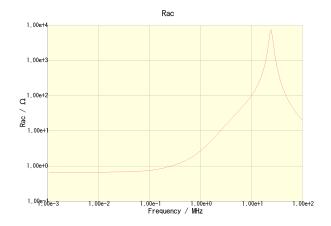
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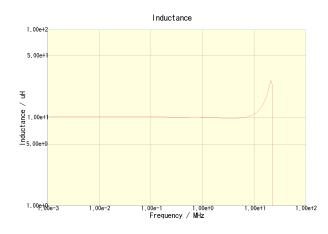
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)

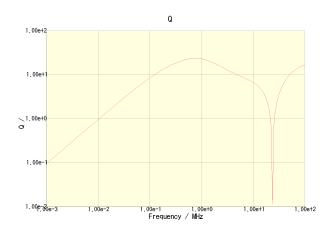




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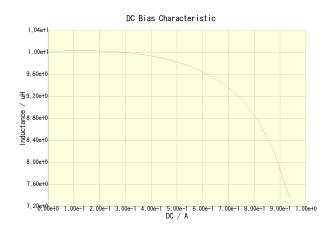
Datasheet of VLF403210MT-100M-CA - FIXED IND 10UH 1.04A 310 MOHM Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

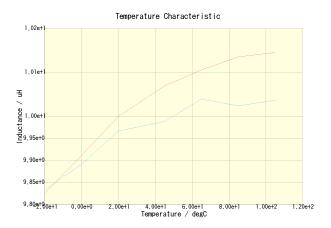
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VLF403210MT-100M-CA(Amb. Temp. = 20degc)

VLF403210MT-100M-CA(DC = 0A) VLF403210MT-100M-CA(DC = 0.35A)

Temperature Rise by DC		
no data available		