

Excellent Integrated System Limited

Stocking Distributor

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

TDK Corporation VLF403212MT-6R8M-CA

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



Distributor of TDK Corporation: Excellent Integrated System Limited

Datasheet of VLF403212MT-6R8M-CA - FIXED IND 6.8UH 1.33A 180 MOHM Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

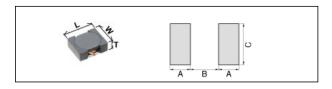
Inductors(Coils)

1 of 3

Creation Date :June 18 2014

VLF403212MT-6R8M-CA

Applications	~	Automotive Grade
Feature	Wire Wound	Wire Wound
	Shield	Magnetic Shield
	Ferrite Core	Ferrite Core
	AEC-Q200	AEC-Q200
Series	VLF-M Series / VLF403212MT-CA Type	
Status	PROD	











Size				
Length(L)	4.00mm +/-0.20mm			
Width(W)	3.20mm +/-0.20mm			
Thickness(T)	1.20mm 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	6.8uH +/-20% at 1MHz			
Rated Current (L Change) [Typ.]	1.22A (30% Down)			
Rated Current (L Change) [Max.]	1.09A (30% Down)			
Rated Current (Temperature Rise) [Typ.]	1.33A (40degC Rise)			
DC Resistance [Nom.]	150mΩ			
DC Resistance [Max.]	180mΩ			

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	0.059g

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

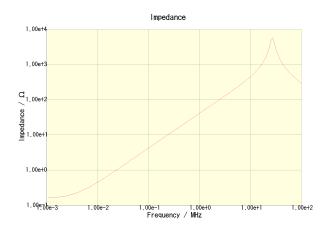
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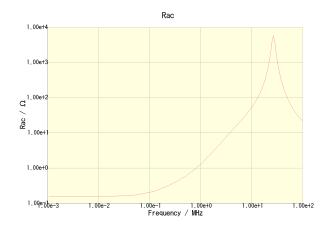
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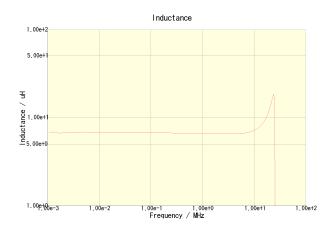
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)

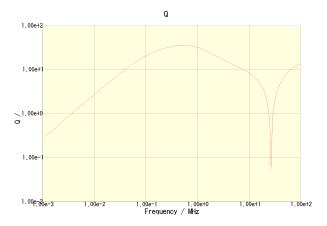




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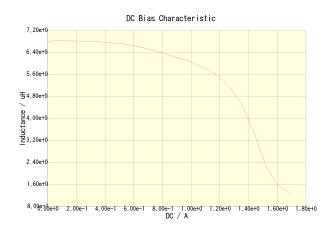
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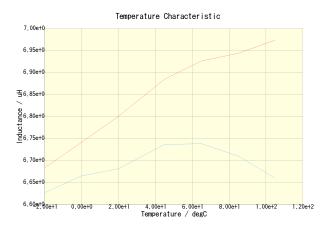
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VLF403212MT-6R8M-CA(Amb. Temp. = 20degc)

VLF403212MT-6R8M-CA(DC = 0A) VLF403212MT-6R8M-CA(DC = 0.545A)

Temperature Rise by DC
no data available