Excellent Integrated System Limited

Stocking Distributor

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

TDK Corporation
VLF403212MT-220M-CA

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

Distributor of TDK Corporation: Excellent Integrated System Limited

Datasheet of VLF403212MT-220M-CA - FIXED IND 22UH 670MA 710 MOHM

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

Inductors(Coils)

1 of 3

Creation Date :June 18 2014

VLF403212MT-220M-CA

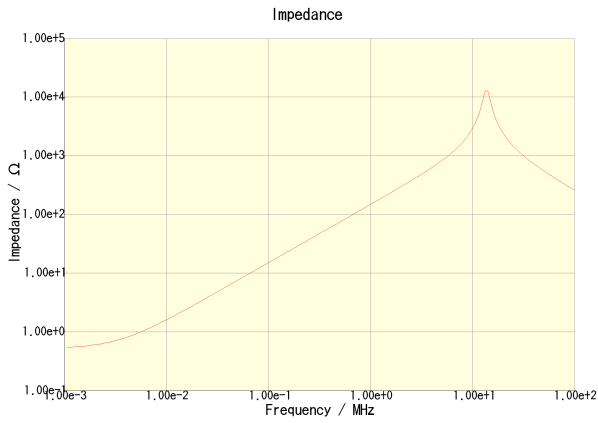| Applications		Automotive Grade
Feature		Wire Wound
		Magnetic Shield
		Ferrite Core
		AEC-Q200
Series		VLF-M Series / VLF403212MT-CA Type
Status		PROD
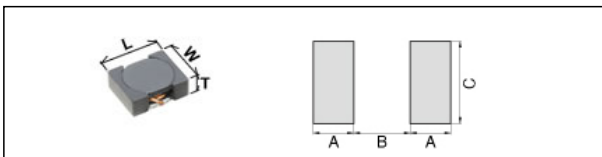
Size	
Length(L)	4.00mm +/-0.20mm
Width(W)	3.20mm +/-0.20mm
Thickness(T)	1.20mm Max.
Recommended Land Pattern (A)	1.10mm Nom.
Recommended Land Pattern (B)	1.30mm Nom.
Recommended Land Pattern (C)	1.80mm Nom.

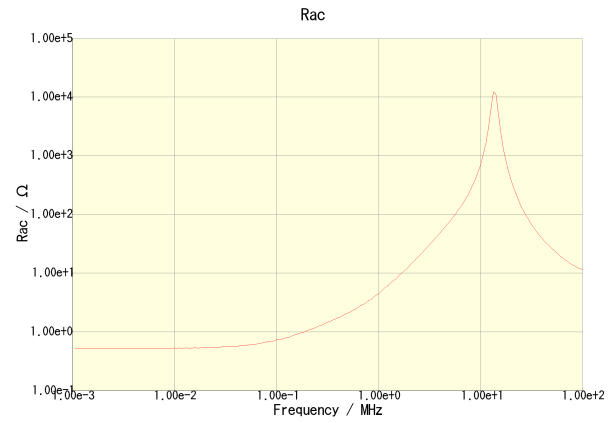| Electrical Characteristics	
Inductance	22uH +/-20% at 1MHz
Rated Current (L Change) [Typ.]	600mA (30% Down)
Rated Current (L Change) [Max.]	540mA (30% Down)
Rated Current (Temperature Rise) [Typ.]	670mA (40degC Rise)
DC Resistance [Nom.]	590mΩ
DC Resistance [Max.]	710mΩ

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

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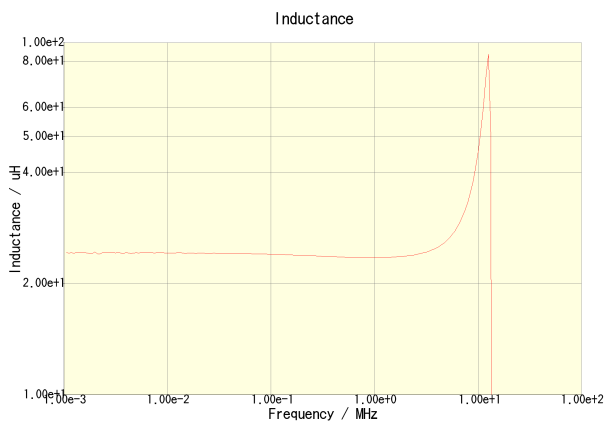
VLF403212MT-220M-CA

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

Impedance

VLF403212MT-220M-CA

Rac

VLF403212MT-220M-CA

Inductance

VLF403212MT-220M-CA

Q

VLF403212MT-220M-CA

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

•All specifications are subject to change without notice.

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Datasheet of VLF403212MT-220M-CA - FIXED IND 22UH 670MA 710 MOHM
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Inductors(Coils)

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VLF403212MT-220M-CA

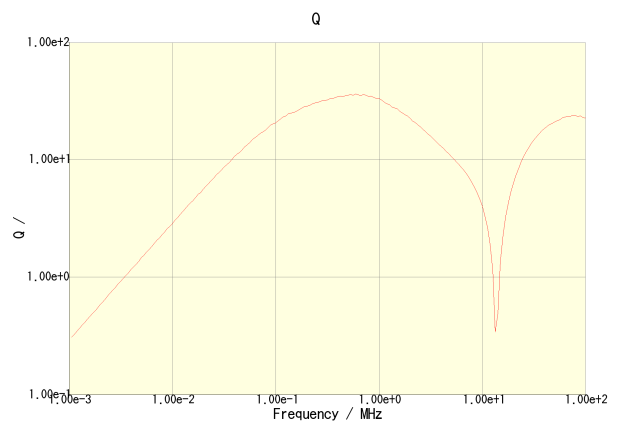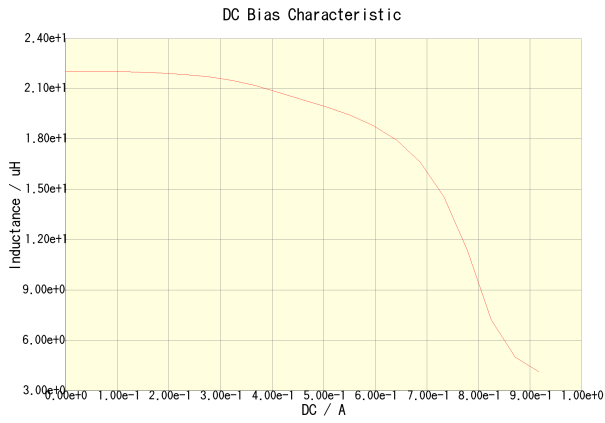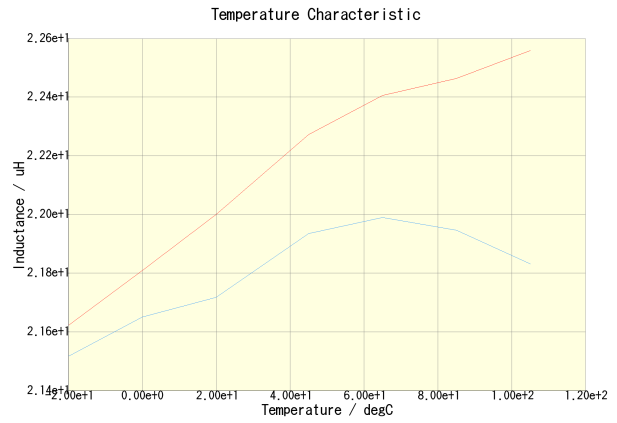## Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)

DC Bias Characteristic

VLF403212MT-220M-CA(Amb. Temp. = 20degc)

Temperature Characteristic

VLF403212MT-220M-CA(DC = 0A)   **VLF403212MT-220M-CA(DC = 0.27A)**

Temperature Rise by DC
no data available