






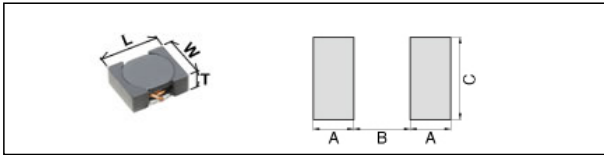


**THE DATASHEET OF
VLF504015MT-2R2M-CA**



VLF504015MT-2R2M-CA

Applications		Automotive Grade
Feature		Wire Wound
		Magnetic Shield
		Ferrite Core
		AEC-Q200
Series	VLF-M Series / VLF504015MT-CA Type	
Status	PROD	



Size	
Length(L)	5.00mm +/-0.30mm
Width(W)	4.00mm +/-0.30mm
Thickness(T)	1.50mm Max.
Recommended Land Pattern (A)	1.30mm Nom.
Recommended Land Pattern (B)	1.60mm Nom.
Recommended Land Pattern (C)	2.20mm Nom.

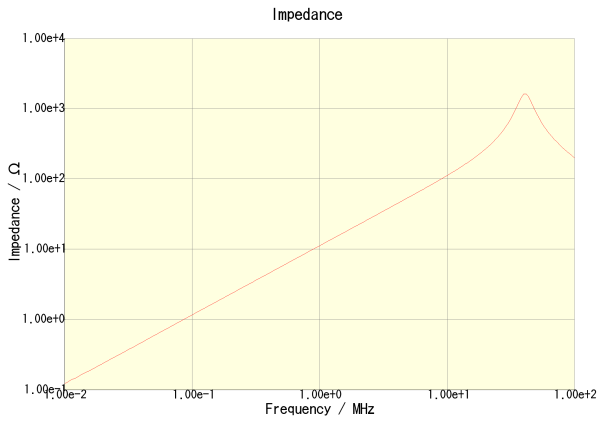
Electrical Characteristics	
Inductance	2.2uH +/-20% at 1MHz
Rated Current (L Change) [Typ.]	3.01A (30% Down)
Rated Current (L Change) [Max.]	2.71A (30% Down)
Rated Current (Temperature Rise) [Typ.]	2.6A (40degC Rise)
DC Resistance [Nom.]	44mΩ
DC Resistance [Max.]	53mΩ

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	0.114g

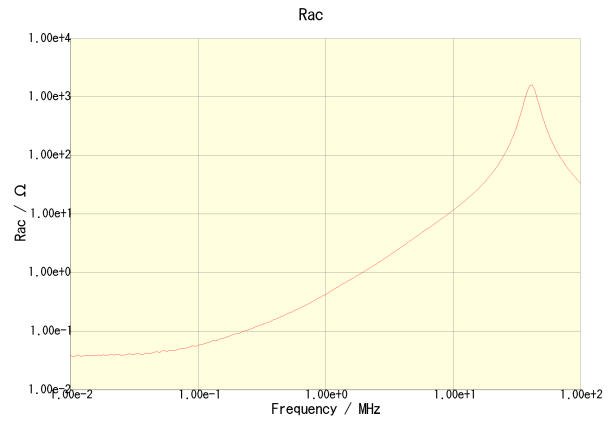
•This PDF document was created based on the data listed on the TDK Corporation website.
 •All specifications are subject to change without notice.

VLF504015MT-2R2M-CA

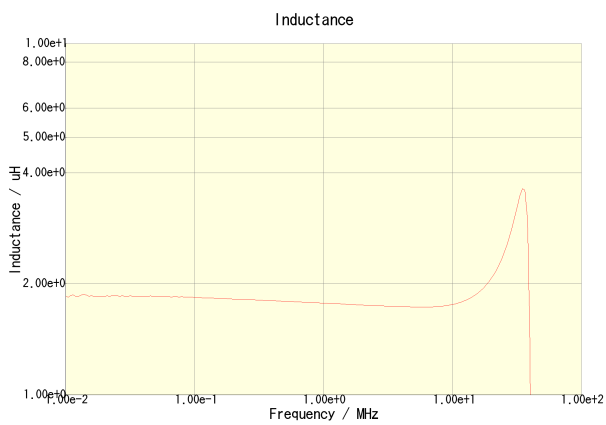
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



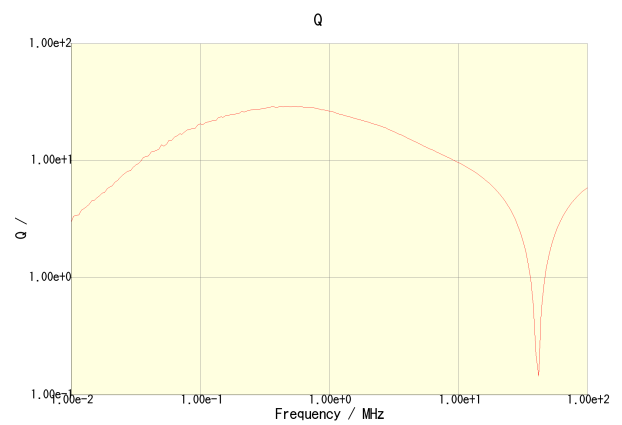
VLF504015MT-2R2M-CA



VLF504015MT-2R2M-CA



VLF504015MT-2R2M-CA

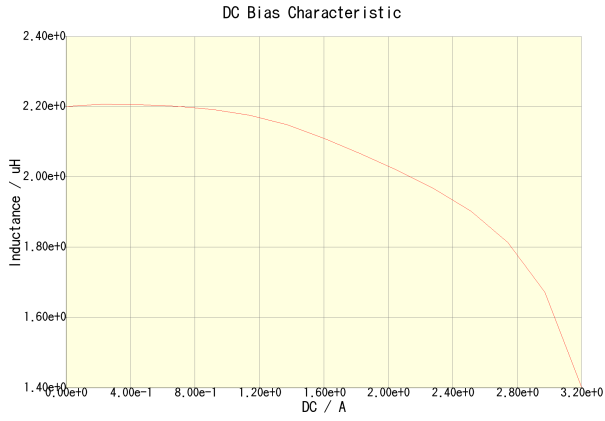


VLF504015MT-2R2M-CA

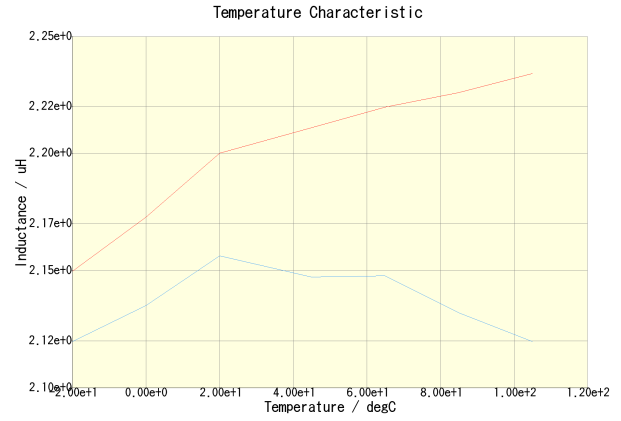
•This PDF document was created based on the data listed on the TDK Corporation website.
 •All specifications are subject to change without notice.

VLF504015MT-2R2M-CA

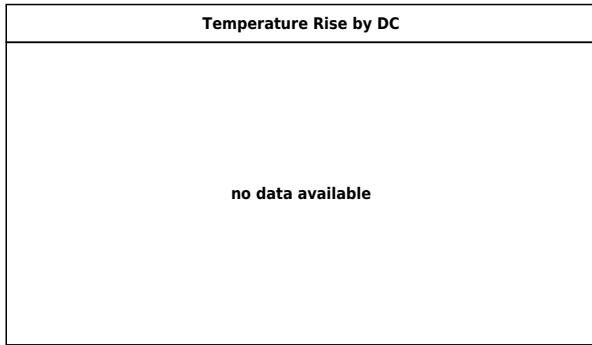
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



VLF504015MT-2R2M-CA(Amb. Temp. = 20degc)





VLF504015MT-2R2M-CA(DC = 0A) VLF504015MT-2R2M-CA(DC = 1.3A)



•This PDF document was created based on the data listed on the TDK Corporation website.
 •All specifications are subject to change without notice.

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View VLF504015MT-2R2M-CA on WIN SOURCE](#)
-  [TDK Corporation](#) Information

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management