







**THE DATASHEET OF
VLF302515MT-6R8M-CA**



VLF302515MT-6R8M-CA

Applications		Automotive Grade
Feature		Wire Wound
		Magnetic Shield
		Ferrite Core
Series	VLF-M Series / VLF302515MT-CA Type	
Status	Production	



Size	
Length(L)	3.00mm +/-0.20mm
Width(W)	2.50mm +/-0.20mm
Thickness(T)	1.50mm Max.
Recommended Land Pattern (A)	0.90mm Nom.
Recommended Land Pattern (B)	0.80mm Nom.
Recommended Land Pattern (C)	1.45mm Nom.

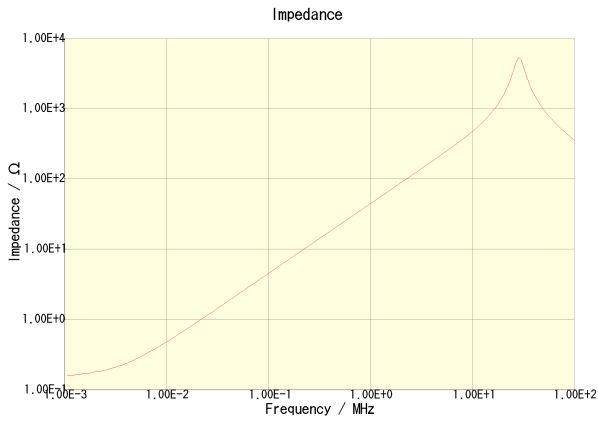
Electrical Characteristics	
Inductance	6.8uH +/-20% at 1MHz
Rated Current (L Change) [Typ.]	860mA (30% Down)
Rated Current (L Change) [Max.]	770mA (30% Down)
Rated Current (Temperature Rise) [Typ.]	1.45A (40degC Rise)
DC Resistance [Nom.]	130mΩ
DC Resistance [Max.]	160mΩ

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105degC
Soldering Method	Reflow
AEC Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000Pcs Min.
Weight	0.041g

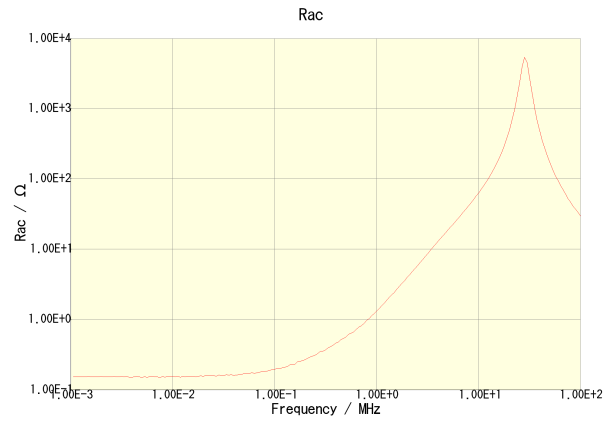
•This PDF document was created based on the data listed on the TDK Corporation website.
 •All specifications are subject to change without notice.

VLF302515MT-6R8M-CA

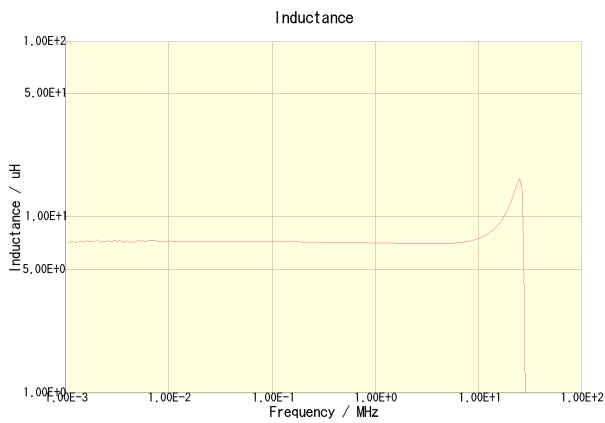
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



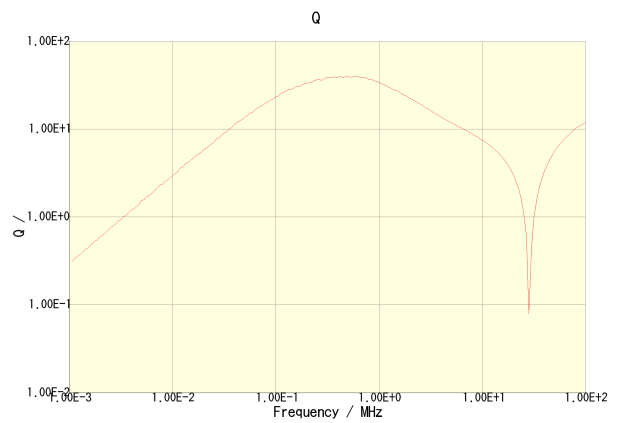
VLF302515MT-6R8M-CA



VLF302515MT-6R8M-CA



VLF302515MT-6R8M-CA

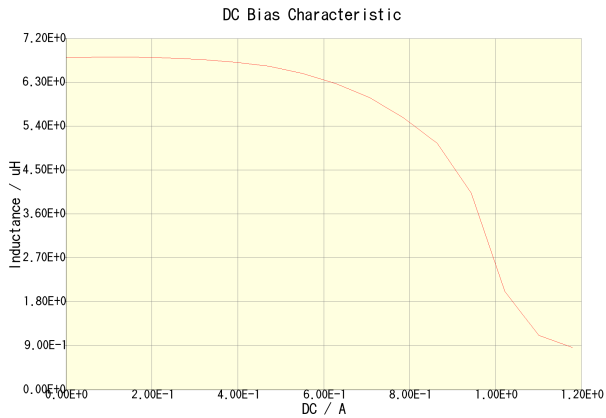


VLF302515MT-6R8M-CA

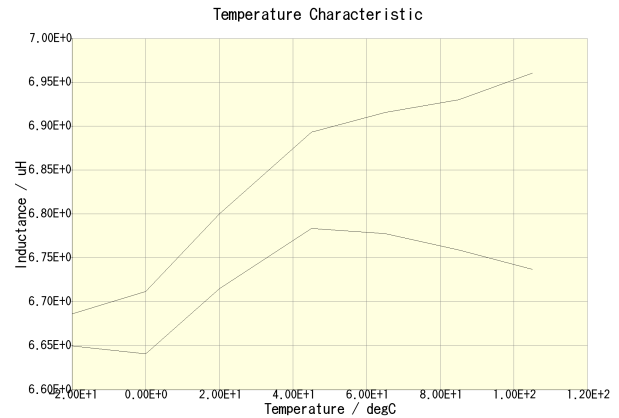
•This PDF document was created based on the data listed on the TDK Corporation website.
 •All specifications are subject to change without notice.

VLF302515MT-6R8M-CA

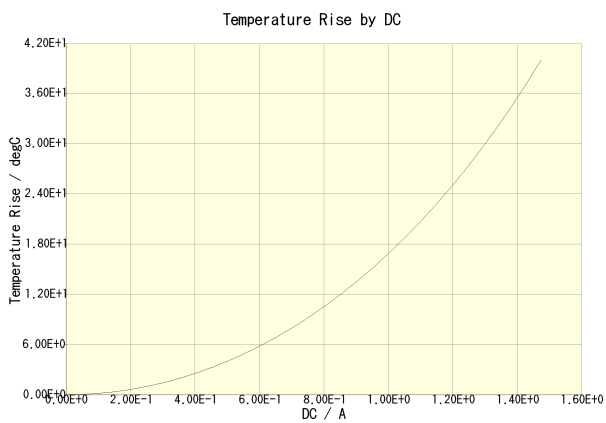
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



VLF302515MT-6R8M-CA(Amb. Temp. = 20degc)



VLF302515MT-6R8M-CA(DC = 0A) VLF302515MT-6R8M-CA(DC = 0.385A)





VLF302515MT-6R8M-CA(Amb. Temp. = 20degc)

•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 VLF302515MT-6R8M-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