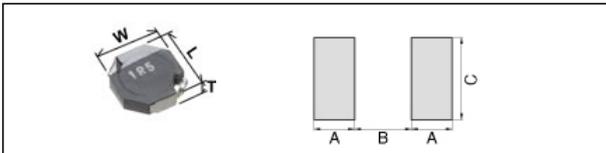


VLF3012AT-220MR33

Applications		Commercial Grade
Feature		Wire Wound
		Magnetic Shield
		Ferrite Core
Series	VLF Series / VLF3012A Type	
Status	Production	



Size	
Length(L)	2.80mm Nom.
Width(W)	2.60mm Nom.
Thickness(T)	1.20mm Max.
Recommended Land Pattern (A)	0.65mm Nom.
Recommended Land Pattern (B)	2.10mm Nom.
Recommended Land Pattern (C)	1.20mm Nom.

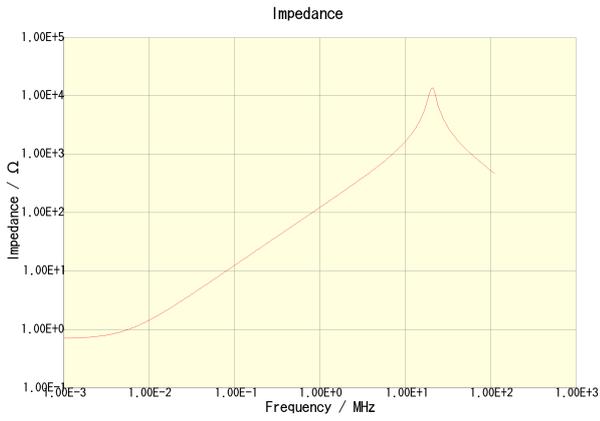
Electrical Characteristics	
Inductance	22uH +/-20% at 100kHz
Rated Current (L Change) [Max.]	330mA (30% Down)
Rated Current (Temperature Rise) [Typ.]	490mA (40degC Rise)
DC Resistance [Nom.]	660mΩ
DC Resistance [Max.]	760mΩ

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	0.027g

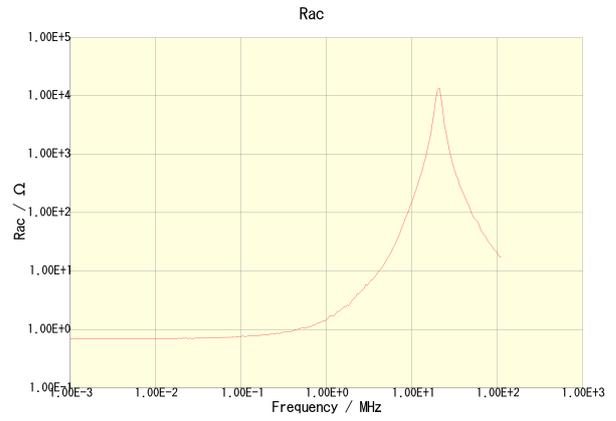
•This PDF document was created based on the data listed on the TDK Corporation website.
 •All specifications are subject to change without notice.

VLF3012AT-220MR33

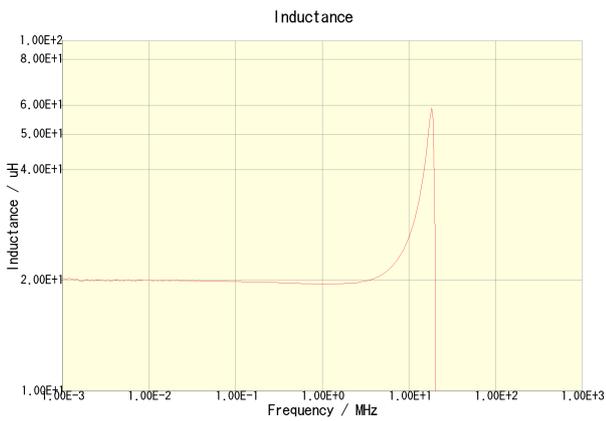
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



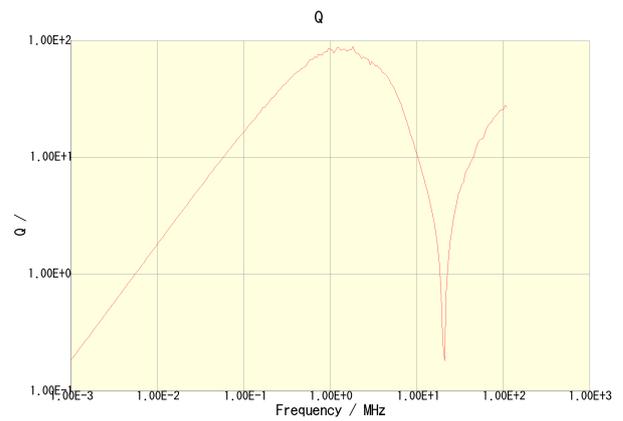
VLF3012AT-220MR33



VLF3012AT-220MR33



VLF3012AT-220MR33

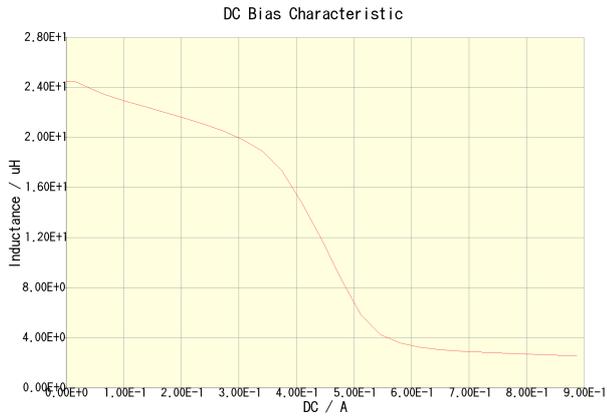


VLF3012AT-220MR33

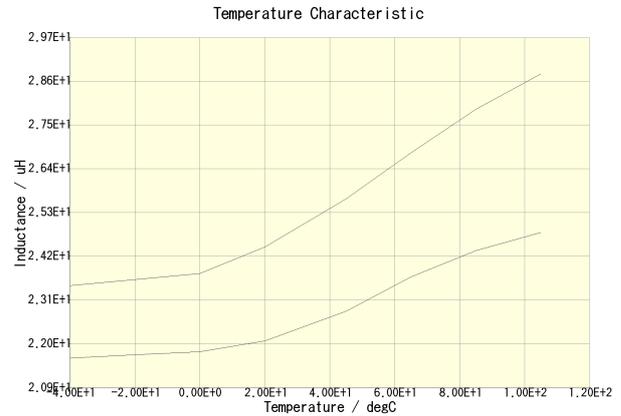
•This PDF document was created based on the data listed on the TDK Corporation website.
 •All specifications are subject to change without notice.

VLF3012AT-220MR33

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

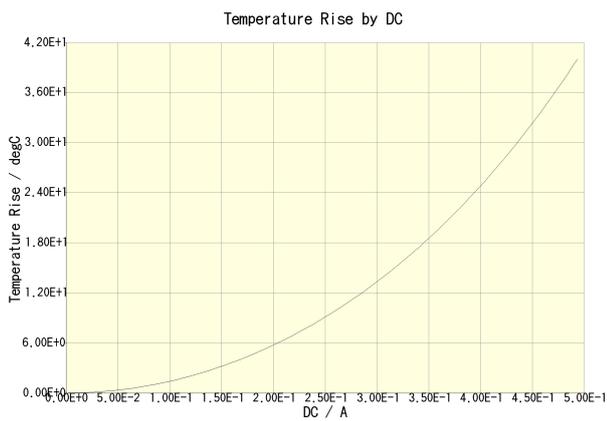


VLF3012AT-220MR33(Amb. Temp. = 20degc)



VLF3012AT-220MR33(DC = 0A)

VLF3012AT-220MR33(DC = 0.165A)



VLF3012AT-220MR33(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.