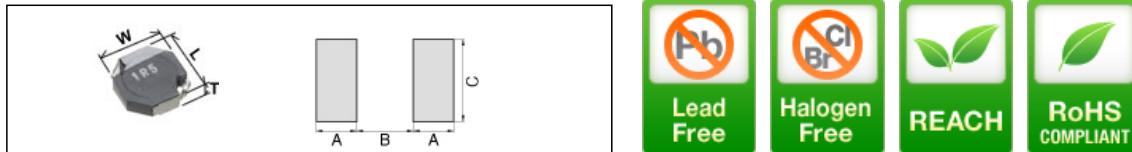


## VLF3010AT-100MR49

Applications		Commercial Grade
Feature	<input checked="" type="checkbox"/> <b>Wire Wound</b> <input type="checkbox"/> <b>Shield</b> <input type="checkbox"/> <b>Ferrite Core</b>	Wire Wound Magnetic Shield Ferrite Core
Series	VLF Series / VLF3010A Type	
Status	Production	



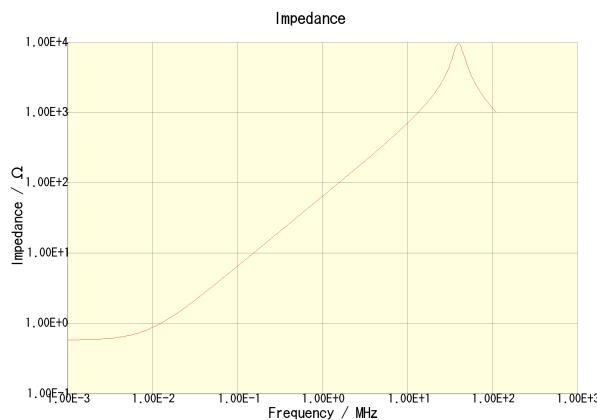
Size	
Length(L)	2.80mm Nom.
Width(W)	2.60mm Nom.
Thickness(T)	1.00mm Max.
Recommended Land Pattern (A)	0.65mm Nom.
Recommended Land Pattern (B)	2.10mm Nom.
Recommended Land Pattern (C)	1.20mm Nom.

Electrical Characteristics	
Inductance	10uH +/-20% at 100kHz
Rated Current (L Change) [Max.]	490mA (30% Down)
Rated Current (Temperature Rise) [Typ.]	520mA (40degC Rise)
DC Resistance [Nom.]	580mΩ
DC Resistance [Max.]	670mΩ

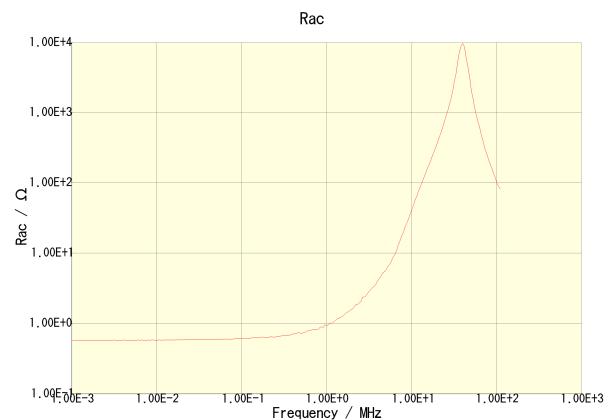
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105degC
Soldering Method	Reflow
AEC Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000Pcs Min.
Weight	0.024g

## VLF3010AT-100MR49

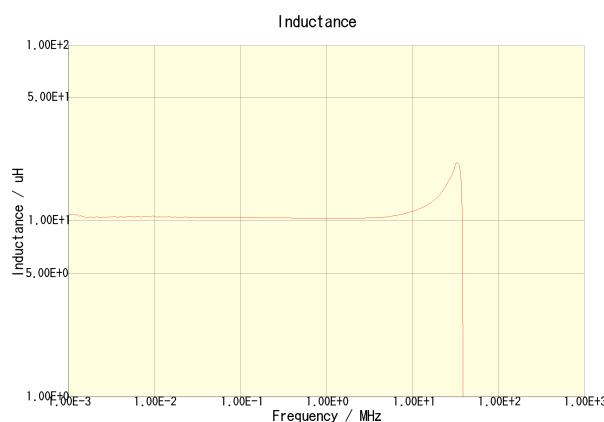
**Characteristic Graphs** (This is reference data, and does not guarantee the product's characteristics.)



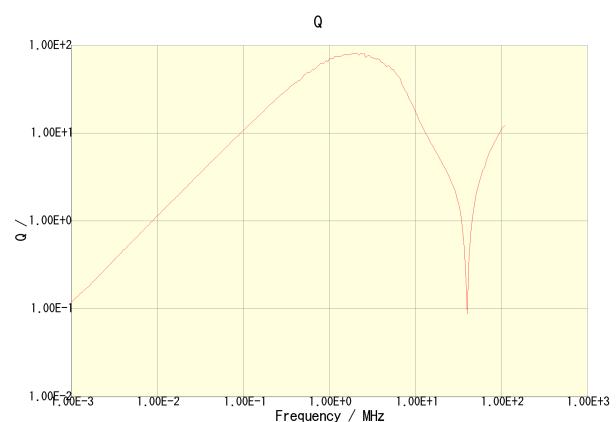
VLF3010AT-100MR49



VLF3010AT-100MR49



VLF3010AT-100MR49



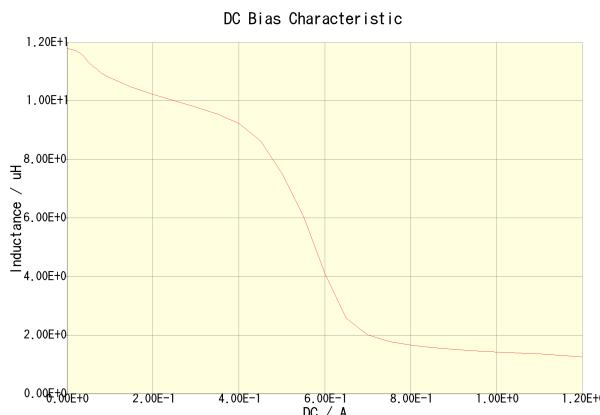
VLF3010AT-100MR49

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

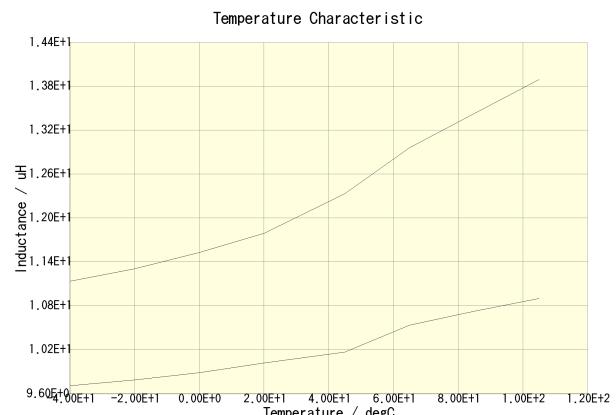
•All specifications are subject to change without notice.

## VLF3010AT-100MR49

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

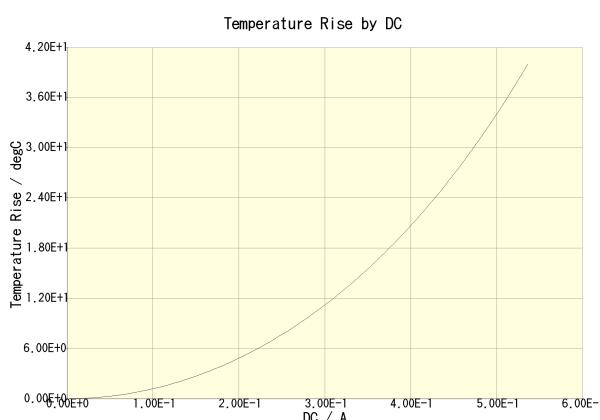


VLF3010AT-100MR49(Amb. Temp. = 20degc)



VLF3010AT-100MR49(DC = 0A)

VLF3010AT-100MR49(DC = 0.245A)



VLF3010AT-100MR49(Amb. Temp. = 20degc)

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