





# VLCF5024T-220MR59-2

Applications		Commercial Grade
Feature		Wire Wound
		Magnetic Shield
		Ferrite Core
Series	VLCF Series / VLCF5024-2 Type	
Status	PROD	



Size	
Length(L)	5.00mm +/-0.20mm
Width(W)	5.00mm +/-0.20mm
Thickness(T)	2.40mm Max.

Electrical Characteristics	
Inductance	22uH +/-20% at 100kHz
Rated Current (L Change) [Max.]	590mA (30% Down)
Rated Current (Temperature Rise) [Typ.]	1.5A (40degC Rise)
DC Resistance [Nom.]	164mΩ
DC Resistance [Max.]	188mΩ

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	500 Pcs Min.
Weight	0.221g

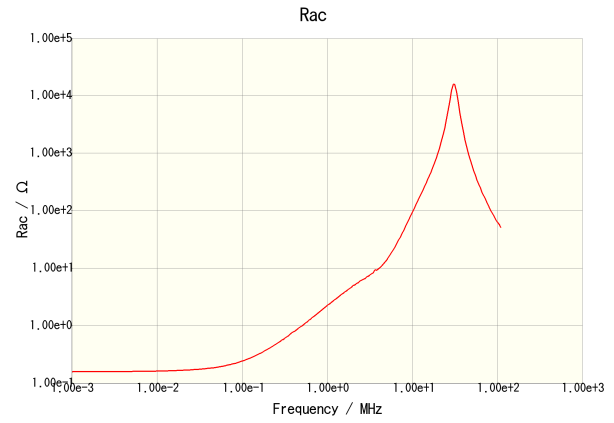
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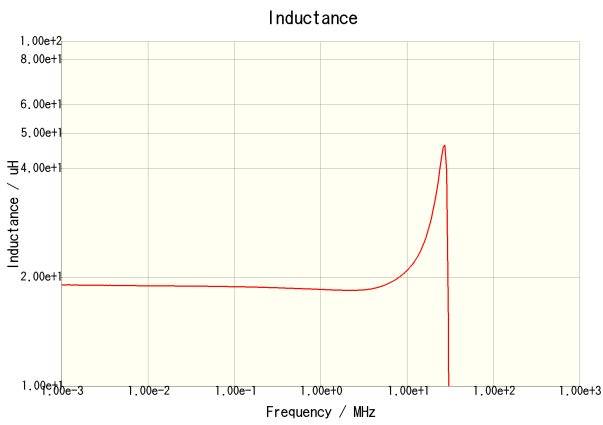
## Characteristic Graphs



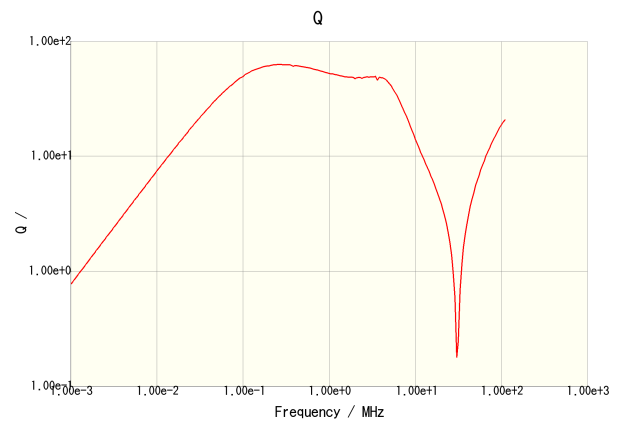
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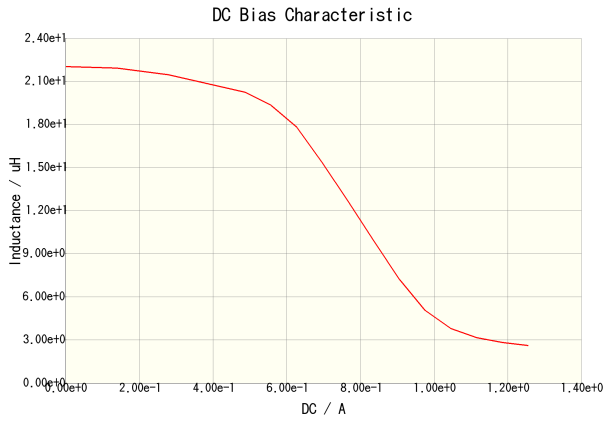


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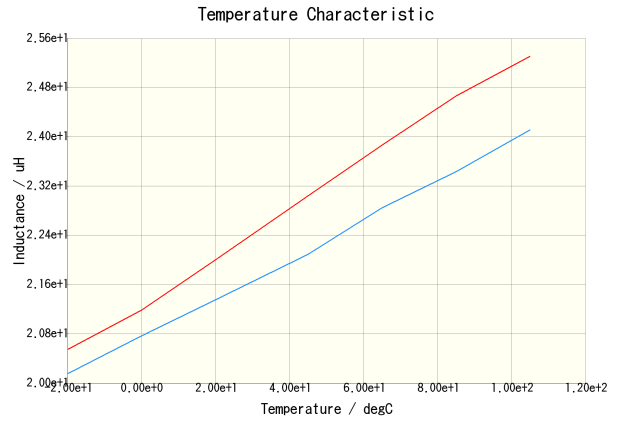
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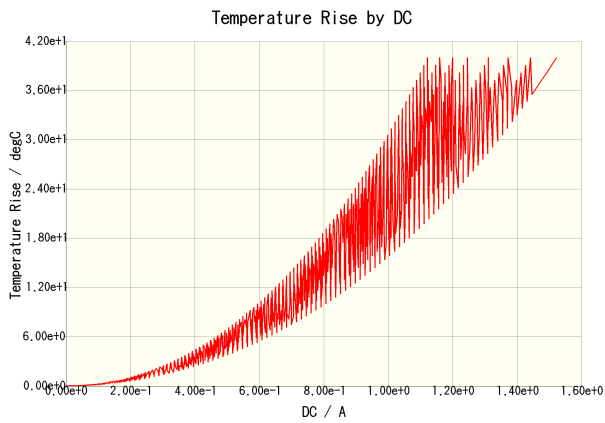
## Characteristic Graphs



VLCF5024T-220MR59-2(Amb. Temp. = 20degc)



VLCF5024T-220MR59-2(DC = 0A) VLCF5024T-220MR59-2(DC = 0.295A)



VLCF5024T-220MR59-2(Amb. Temp. = 20degc)

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