






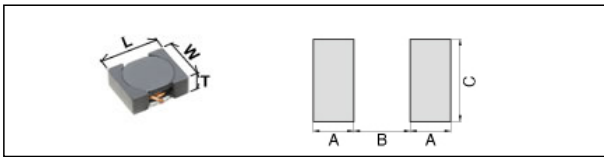


**THE DATASHEET OF
VLF504010MT-220M-CA**



VLF504010MT-220M-CA

Applications		Automotive Grade
Feature		Wire Wound
		Magnetic Shield
		Ferrite Core
		AEC-Q200
Series	VLF-M Series / VLF504010MT-CA Type	
Status	PROD	



Size	
Length(L)	5.00mm +/-0.30mm
Width(W)	4.00mm +/-0.30mm
Thickness(T)	1.00mm Max.
Recommended Land Pattern (A)	1.30mm Nom.
Recommended Land Pattern (B)	1.60mm Nom.
Recommended Land Pattern (C)	2.20mm Nom.

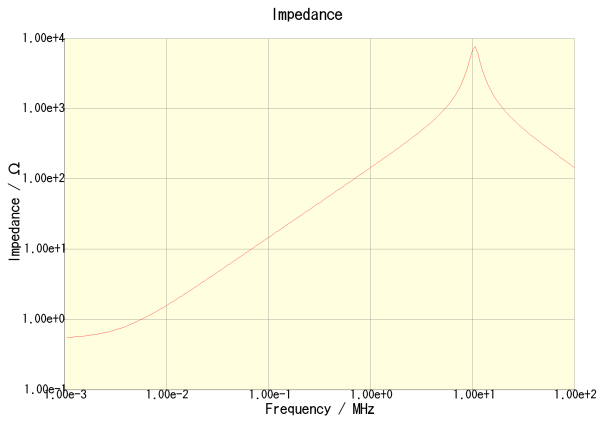
Electrical Characteristics	
Inductance	22uH +/-20% at 1MHz
Rated Current (L Change) [Typ.]	680mA (30% Down)
Rated Current (L Change) [Max.]	610mA (30% Down)
Rated Current (Temperature Rise) [Typ.]	780mA (40degC Rise)
DC Resistance [Nom.]	500mΩ
DC Resistance [Max.]	600mΩ

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	0.073g

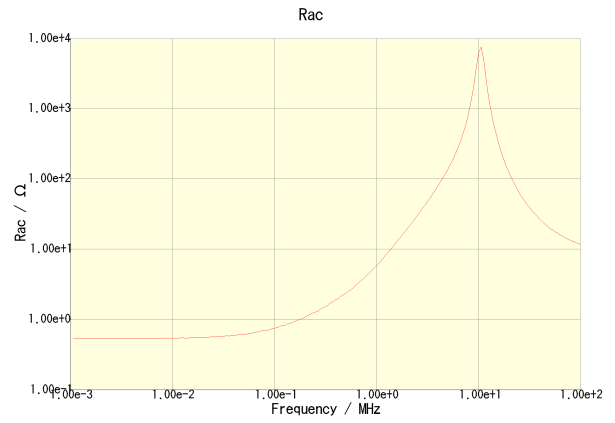
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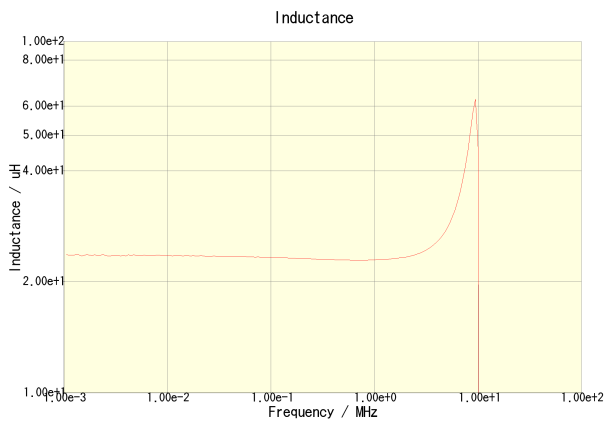
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



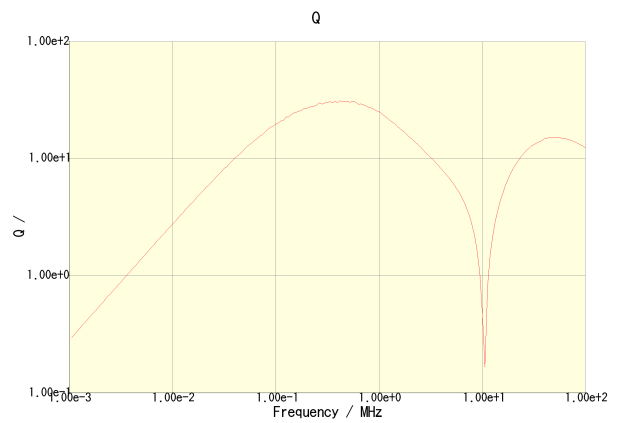
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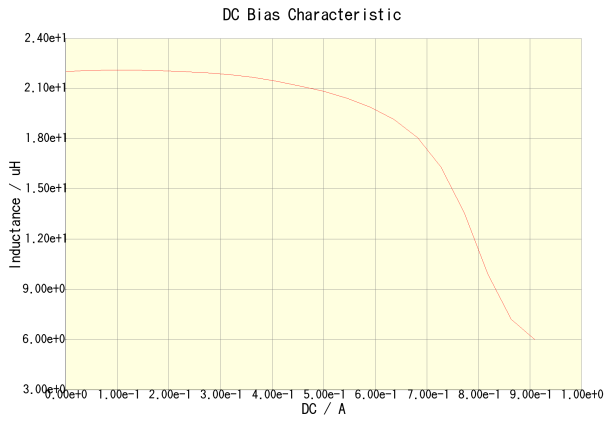


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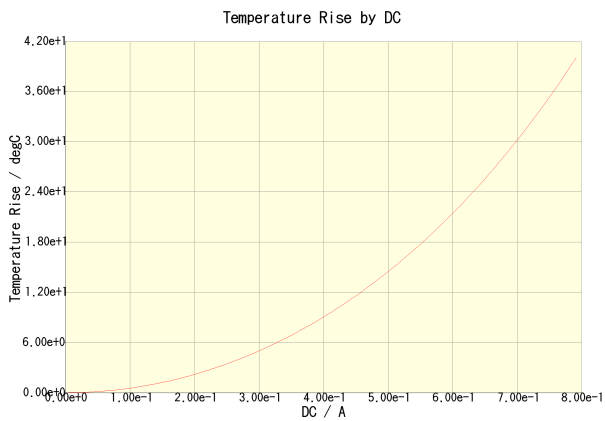
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



VLF504010MT-220M-CA(Amb. Temp. = 20degc)



VLF504010MT-220M-CA(DC = 0A) VLF504010MT-220M-CA(DC = 0.305A)



VLF504010MT-220M-CA(Amb. Temp. = 20degc)

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- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management