

## VLF403215MT-1R5N-CA

Applications		Automotive Grade
Feature	<input checked="" type="checkbox"/> <b>Wire Wound</b> <input type="checkbox"/> <b>Shield</b> <input type="checkbox"/> <b>Ferrite Core</b> <input type="checkbox"/> <b>AEC-Q200</b>	Wire Wound Magnetic Shield Ferrite Core AEC-Q200
Series	VLF-M Series / VLF403215MT-CA Type	
Status	PROD	



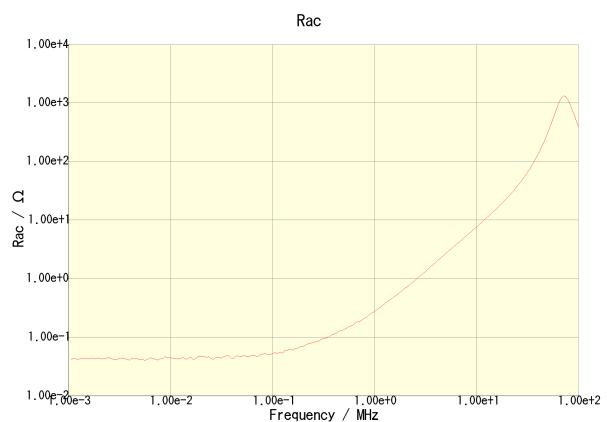
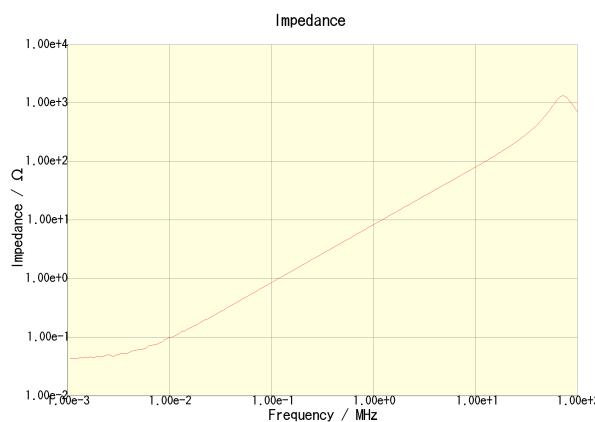
Size	
Length(L)	4.00mm +/-0.20mm
Width(W)	3.20mm +/-0.20mm
Thickness(T)	1.50mm Max.
Recommended Land Pattern (A)	1.10mm Nom.
Recommended Land Pattern (B)	1.30mm Nom.
Recommended Land Pattern (C)	1.80mm Nom.

Electrical Characteristics	
Inductance	1.5uH +/-30% at 1MHz
Rated Current (L Change) [Typ.]	2.73A (30% Down)
Rated Current (L Change) [Max.]	2.46A (30% Down)
Rated Current (Temperature Rise) [Typ.]	3.38A (40degC Rise)
DC Resistance [Nom.]	30mΩ
DC Resistance [Max.]	36mΩ

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	0.072g

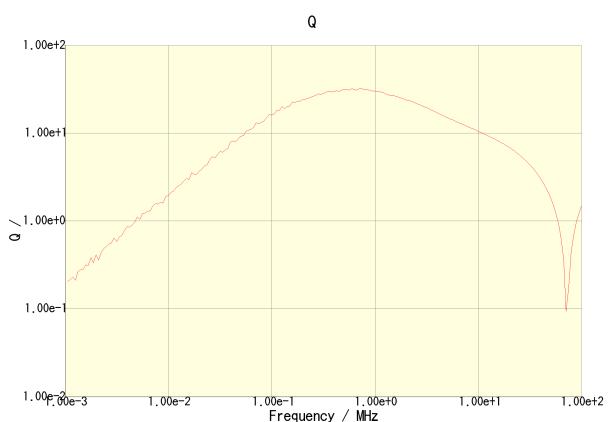
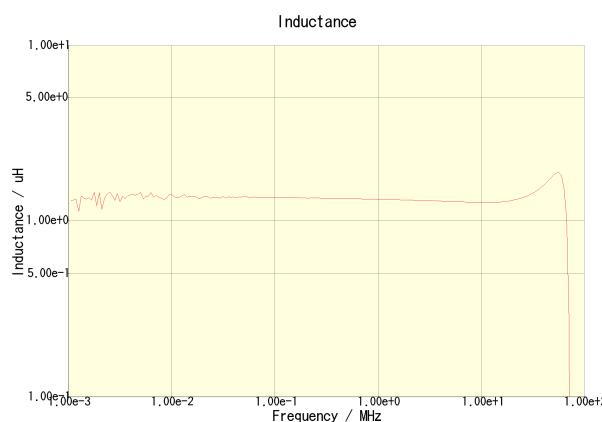
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**Characteristic Graphs** (This is reference data, and does not guarantee the product's characteristics.)



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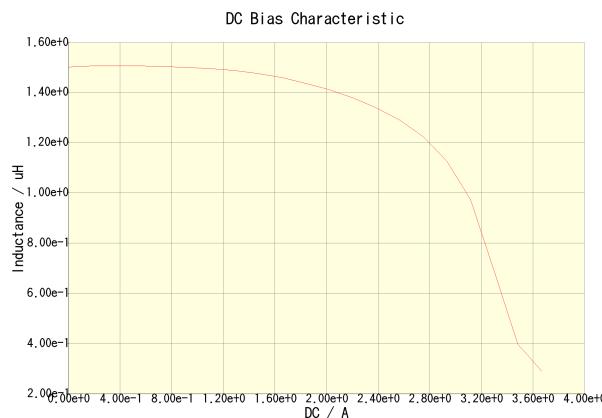
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•This PDF document was created based on the data listed on the TDK Corporation website.

•All specifications are subject to change without notice.

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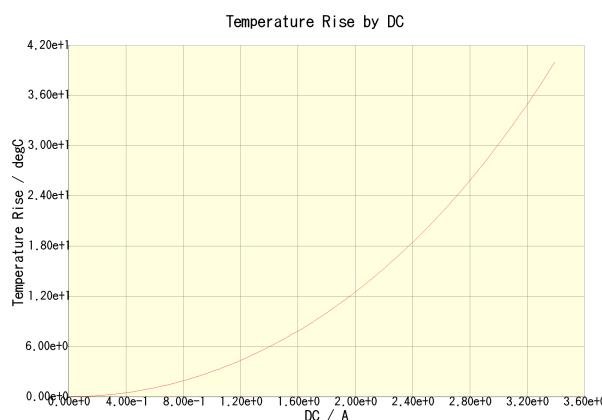


VLF403215MT-1R5N-CA(Amb. Temp. = 20degc)



VLF403215MT-1R5N-CA(DC = 0A)

VLF403215MT-1R5N-CA(DC = 1.23A)



VLF403215MT-1R5N-CA(Amb. Temp. = 20degc)