

Inductors(Coils) **Inductors(Coils)**

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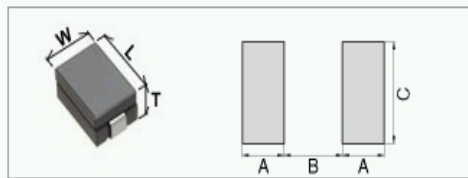
VLB10050HT-R30N Inductors(Coils)

Applications Commercial Grade

Feature
 Wire Wound
 No Directivity
 Ferrite Core

Series VLB Series / VLB10050 Type

Status Production

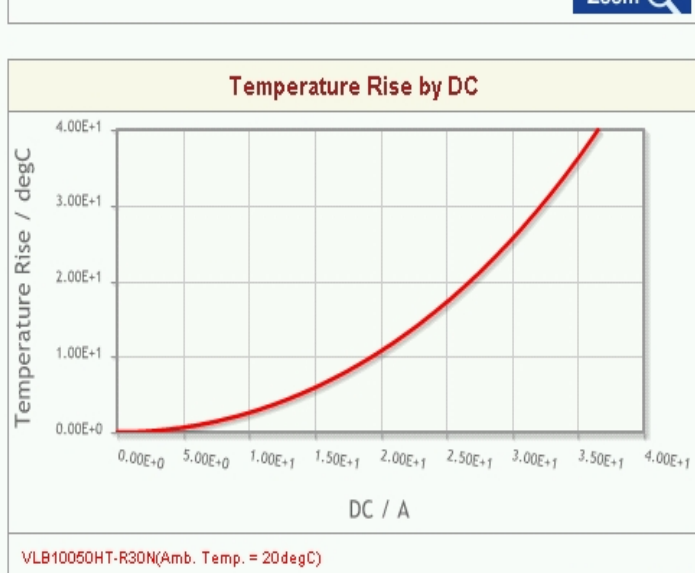
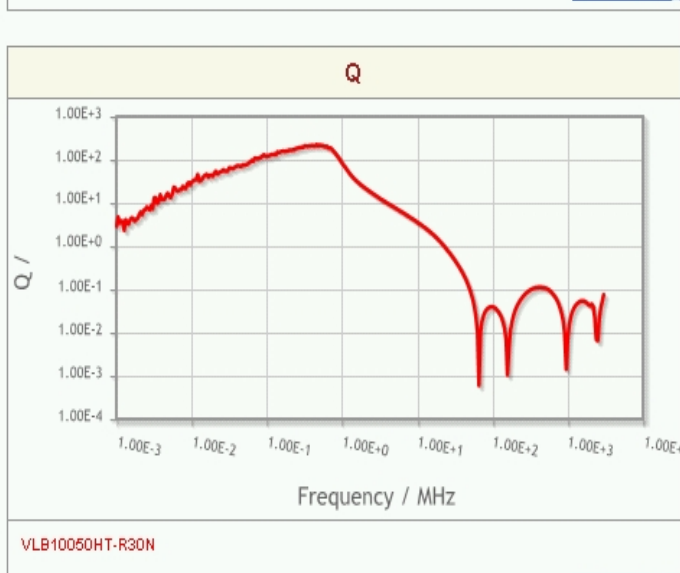
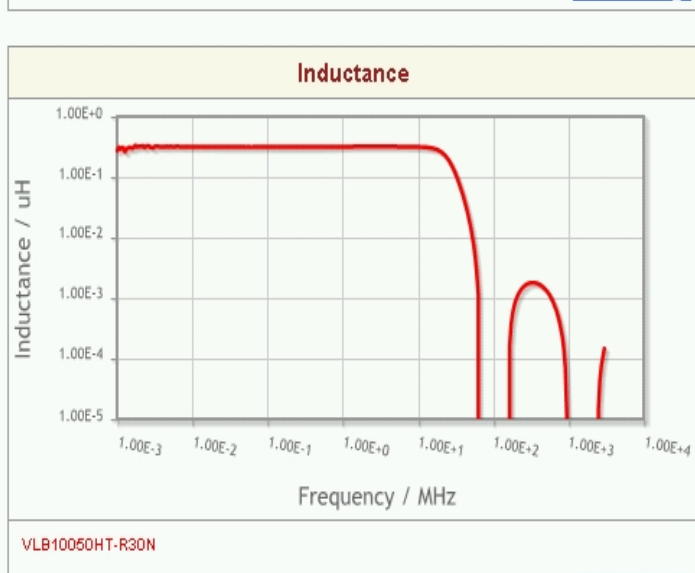
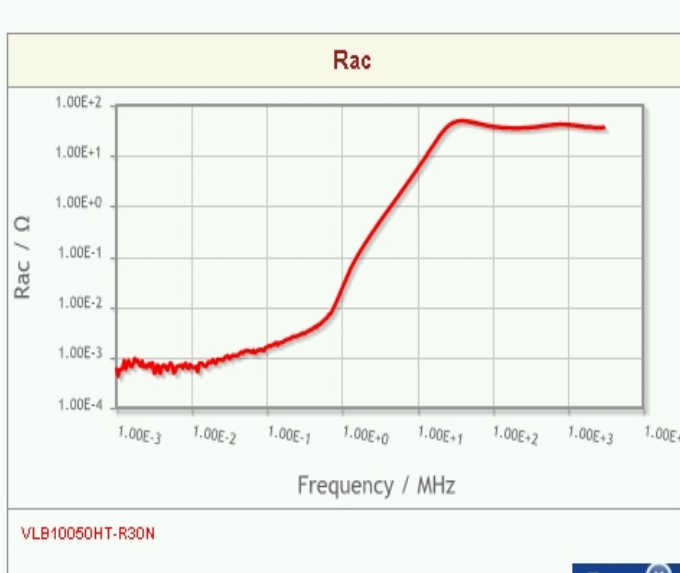
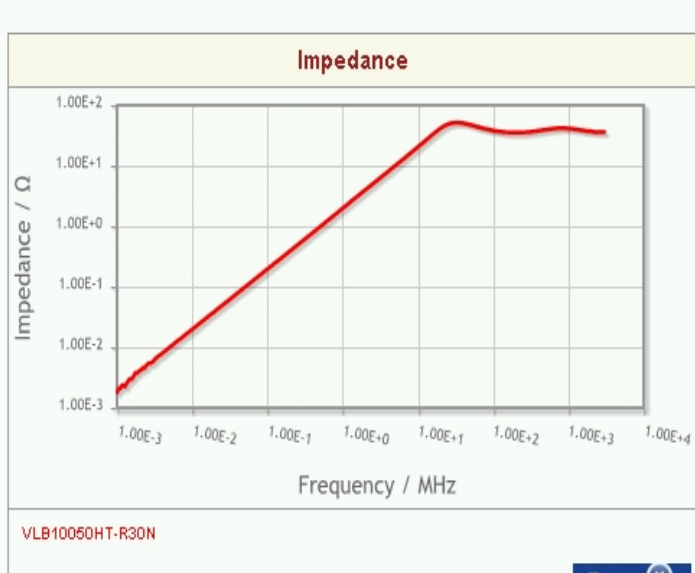


Size	
Length(L)	9.80mm +/-0.40mm
Width(W)	6.70mm +/-0.30mm
Thickness(T)	4.80mm +/-0.20mm
Recommended Land Pattern (A)	2.00mm Nom.
Recommended Land Pattern (B)	6.40mm Nom.
Recommended Land Pattern (C)	3.00mm Nom.

Electrical Characteristics	
Inductance	300nH +/-30% at 1MHz
Rated Current (L Change) [Typ.]	21A (20% Down)
Rated Current (Temperature Rise) [Typ.]	31A (40degC Rise)
DC Resistance [Nom.]	0.35mΩ
DC Resistance [Max.]	0.371mΩ

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 125degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	No
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	500Pcs Min.
Weight	1.4g

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



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