

VLB10050HT-R12M

Product Status	Production
Applications	Commercial Grade
	No Directivity
Feature	Wire Wound
	Ferrite Core
Series Type	VLB
Brand	TDK
Environmental Compliance	 RoHS  REACH  Halogen Free  Lead Free



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

Electrical Characteristics	
Inductance	120nH $\pm 20\%$ at 1MHz
Rated Current (L Change) [Typ.]	68A (20% Down)
Rated Current (L Change) [Max.]	
Rated Current (Temperature Rise) [Typ.]	31A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	350 $\mu\Omega$
DC Resistance [Max.]	371 $\mu\Omega$
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

Other	
Operating Temp. Range	-40 to 125°C (Including Self-Temp. Rise)
Soldering Method	Reflow Iron Soldering
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [330mm Reel]

! Images are for reference only and show exemplary products.

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! All specifications are subject to change without notice.

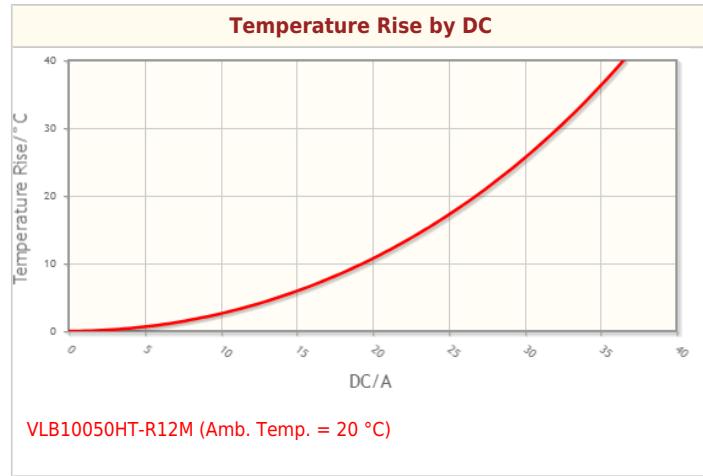
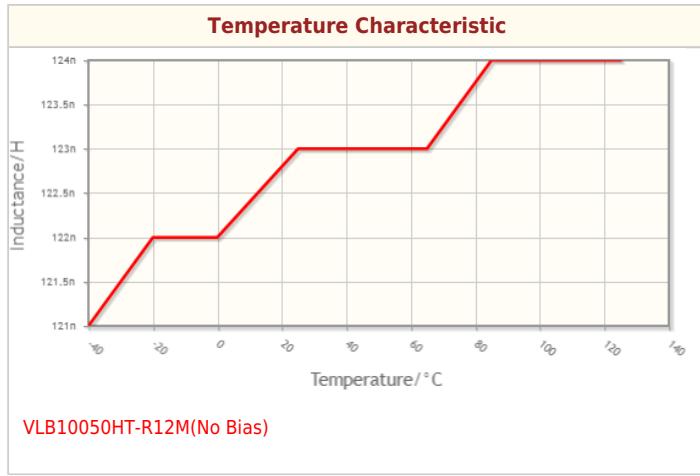
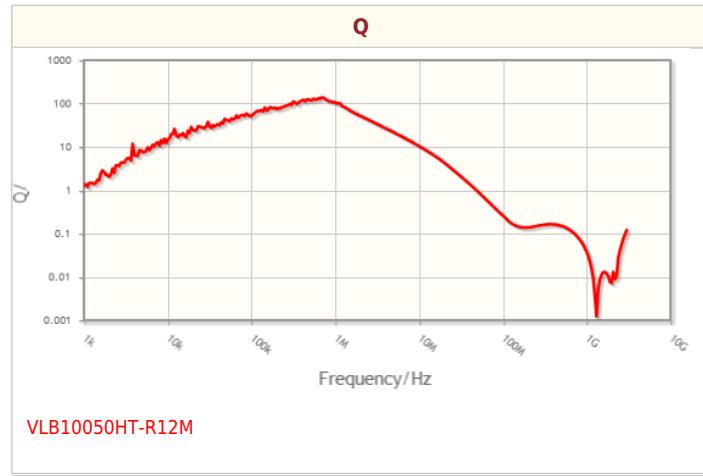
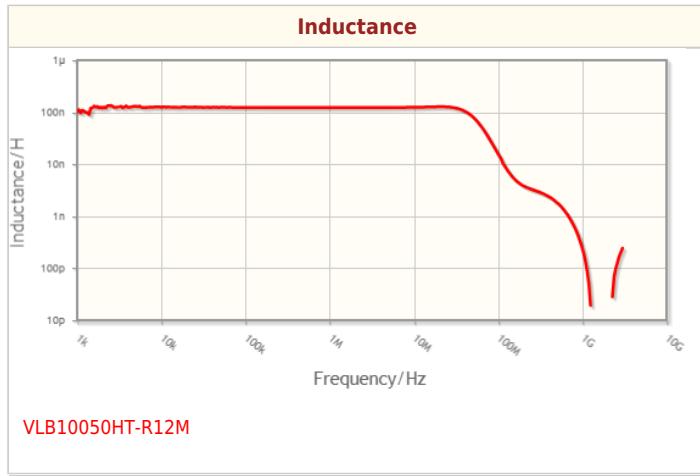
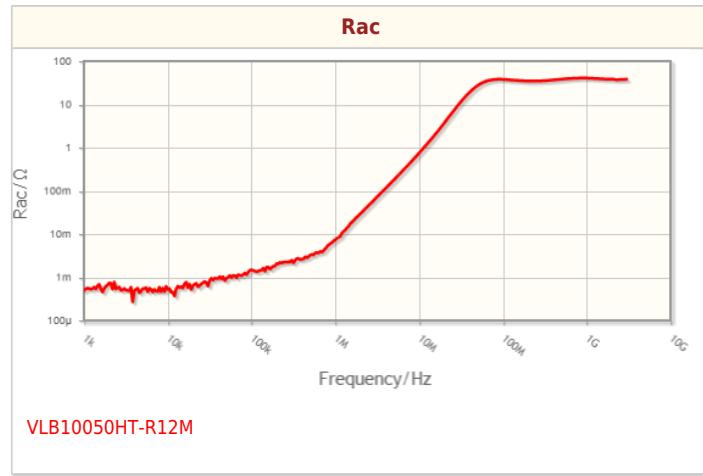
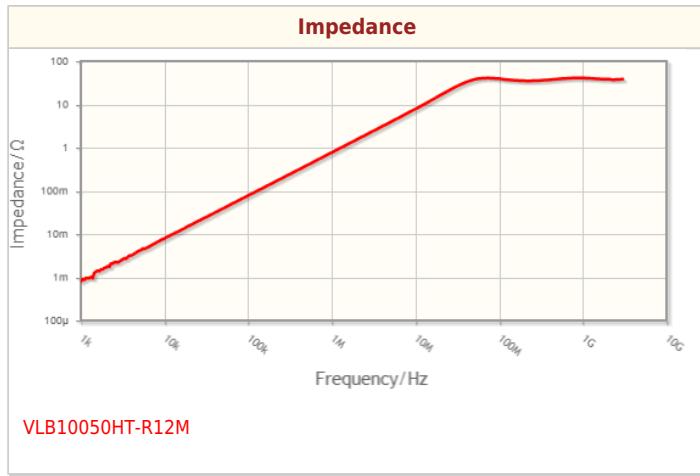
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Package Quantity	500pcs
Weight	1.4g

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

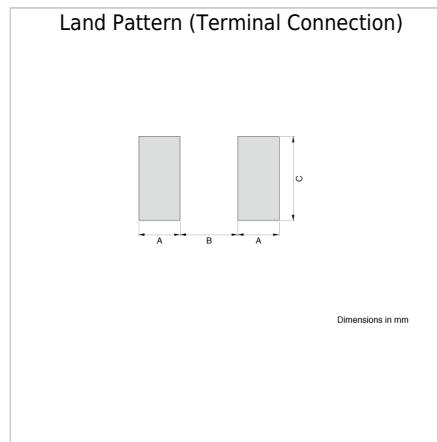
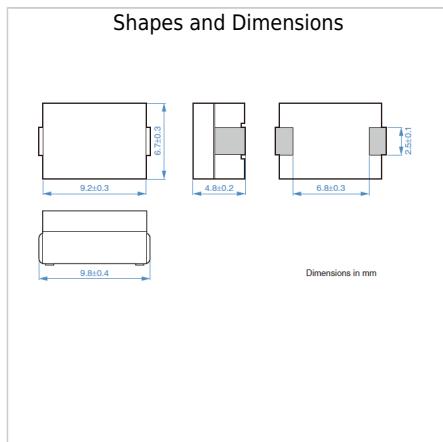


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Associated Images



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