





# VLP8040T-100M

Applications	 Commercial Grade
Feature	 Wire Wound
	 Magnetic Shield
	 Ferrite Core
Series	VLP Series / VLP8040 Type
Status	PROD



Size	
Length(L)	8.60mm Max.
Width(W)	8.70mm Max.
Thickness(T)	4.00mm Max.
Recommended Land Pattern (A)	3.30mm Nom.
Recommended Land Pattern (B)	1.40mm Nom.
Recommended Land Pattern (C)	8.20mm Nom.

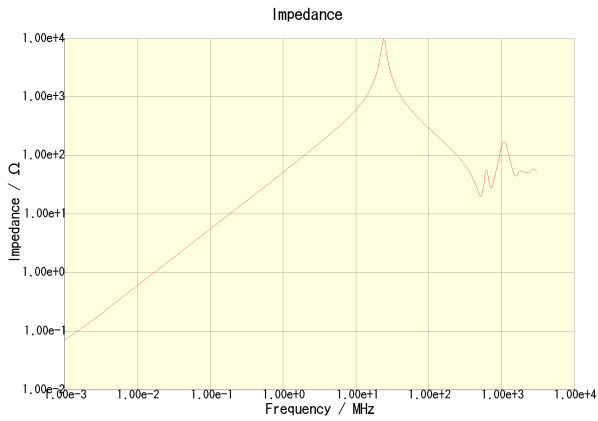
Electrical Characteristics	
Inductance	10uH +/-20% at 100kHz
Rated Current (L Change) [Max.]	3.2A (30% Down)
Rated Current (Temperature Rise) [Typ.]	3.5A (40degC Rise)
DC Resistance [Nom.]	32mΩ
DC Resistance [Max.]	38mΩ

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105degC
Soldering Method	Reflow
AEC Q200	No
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	1000Pcs Min.
Weight	0.84g

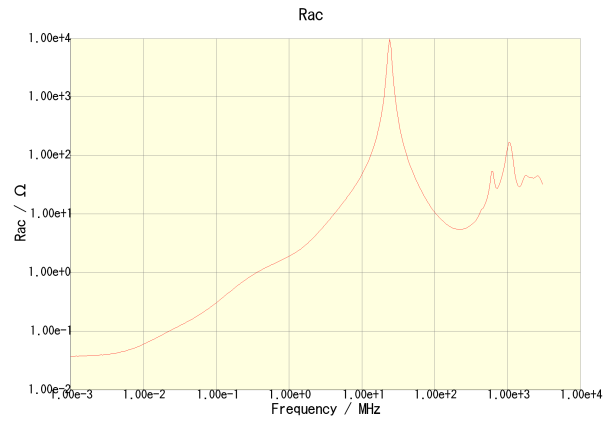
•This PDF document was created based on the data listed on the TDK Corporation website.  
 •All specifications are subject to change without notice.

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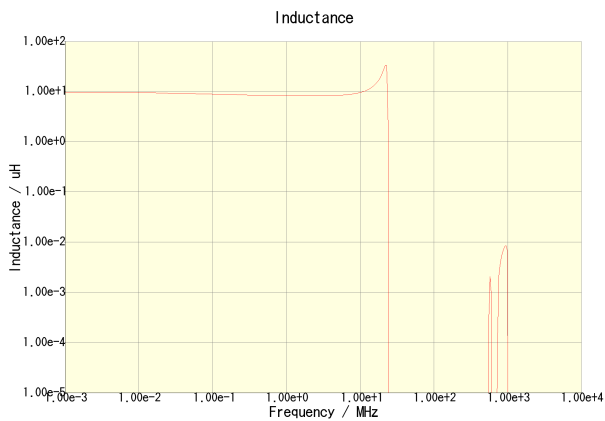
**Characteristic Graphs** (This is reference data, and does not guarantee the product's characteristics.)



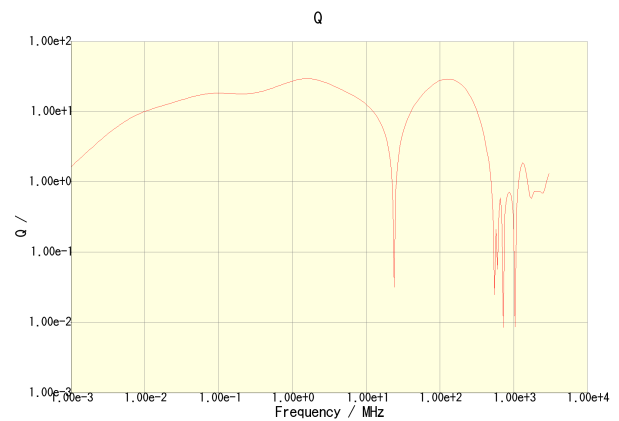
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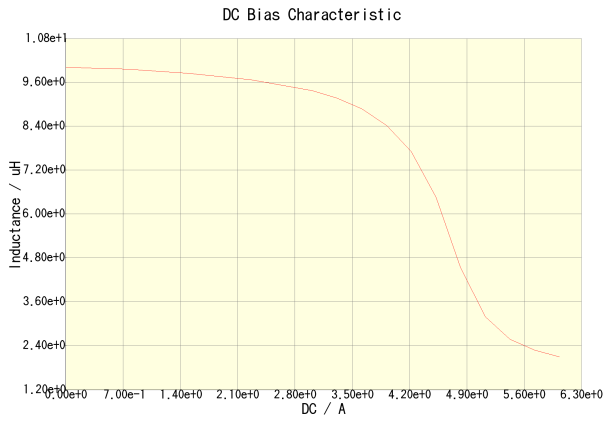


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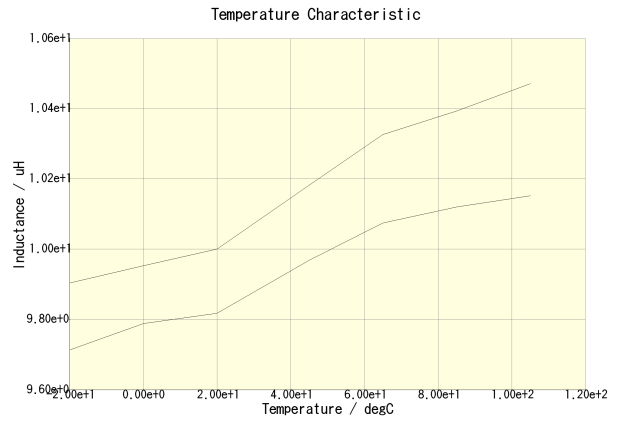
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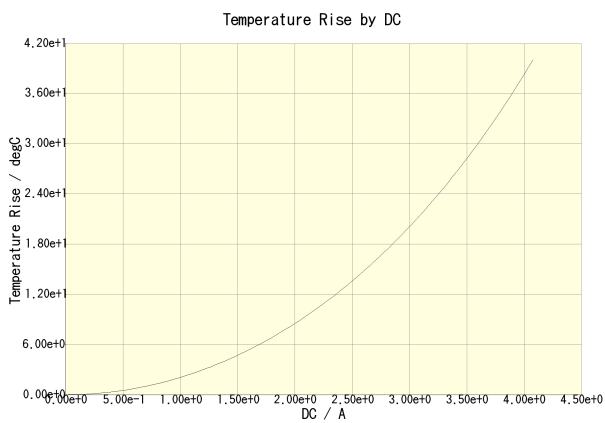


VLP8040T-100M(Amb. Temp. = 20degc)



VLP8040T-100M(DC = 0A)

VLP8040T-100M(DC = 1.6A)



VLP8040T-100M(Amb. Temp. = 20degc)

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