

VLCF4020T-4R7N1R2



<b>Applications</b>	Commercial Grade
<b>Feature</b>	<span style="border: 1px solid green; padding: 2px;">Shield</span> Magnetic Shield <span style="border: 1px solid red; padding: 2px;">Wire Wound</span> Wire Wound <span style="border: 1px solid gray; padding: 2px;">Ferrite Core</span> Ferrite Core
<b>Series   Type</b>	VLCF
<b>Status</b>	Production
<b>Brand</b>	TDK



Size	
Length(L)	4.00mm ±0.10mm
Width(W)	4.00mm ±0.10mm
Thickness   Height	2.00mm Max.
Recommended Land Pattern (A)	1.60mm Nom.
Recommended Land Pattern (B)	1.30mm Nom.
Recommended Land Pattern (C)	2.50mm Nom.
Recommended Land Pattern (D)	3.90mm Nom.

Electrical Characteristics	
Inductance	4.7μH ±30% at 100kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	1.24A (30% Down)
Rated Current (Temperature Rise) [Typ.]	1.71A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	89mΩ
DC Resistance [Max.]	98mΩ
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105°C
Soldering Method	Reflow
AEC-Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	1000pcs
Weight	0.112g

! Images are for reference only and show exemplary products.

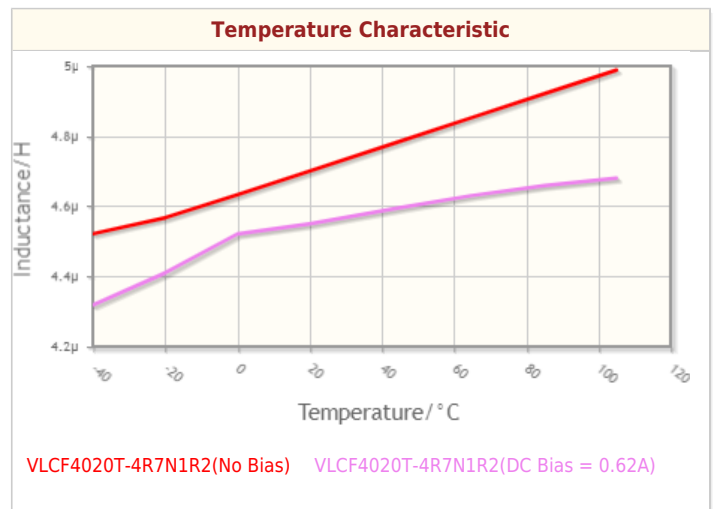
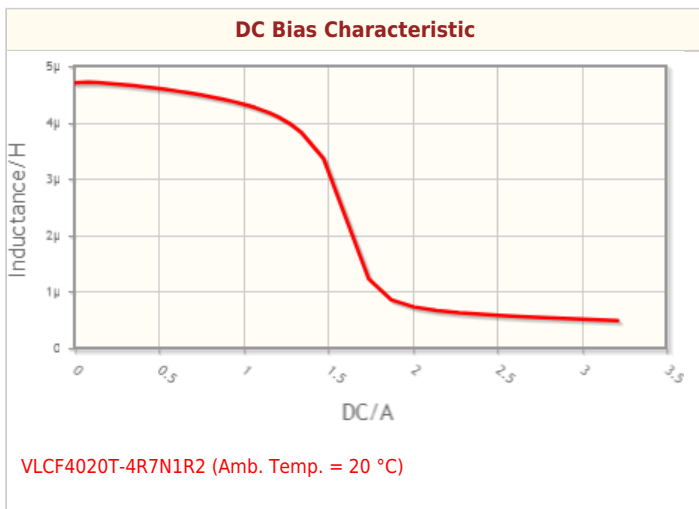
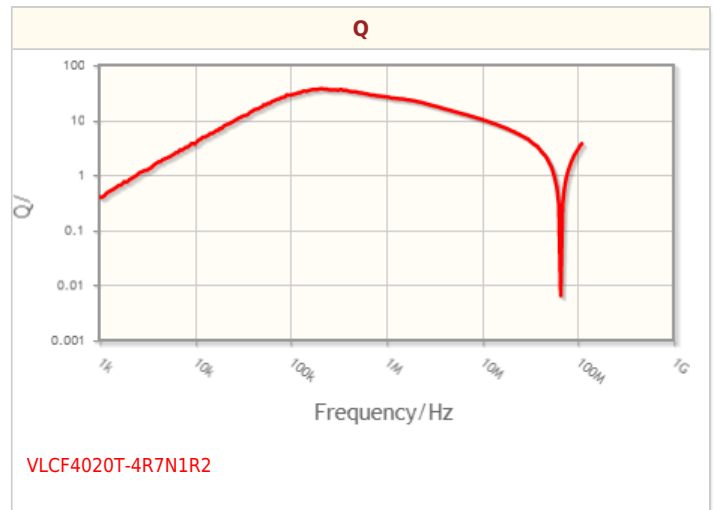
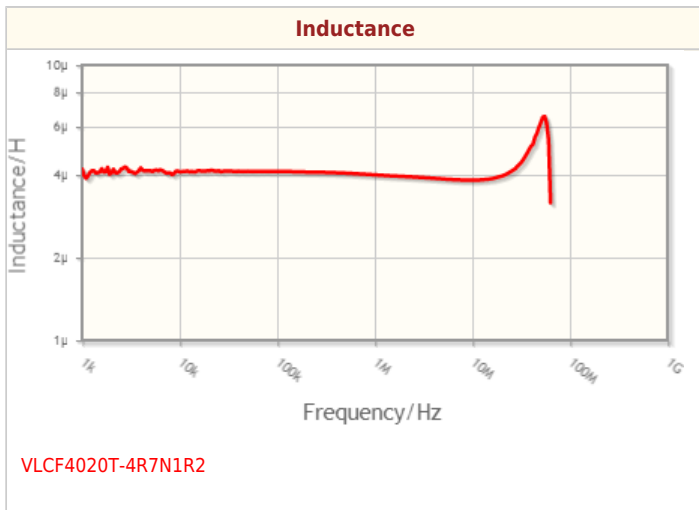
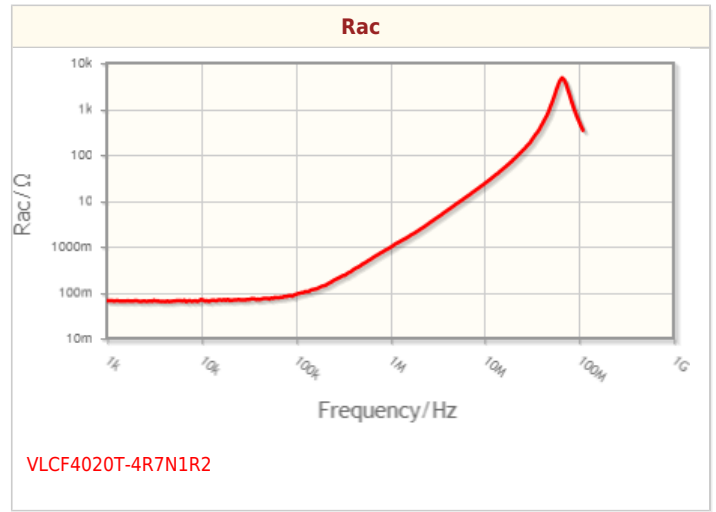
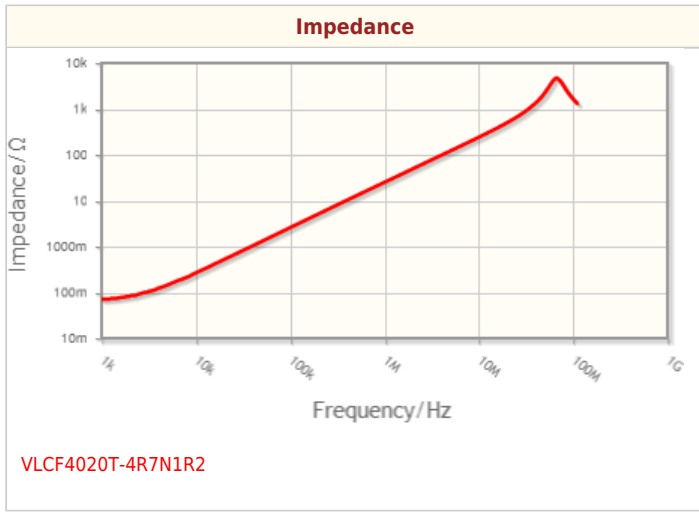
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

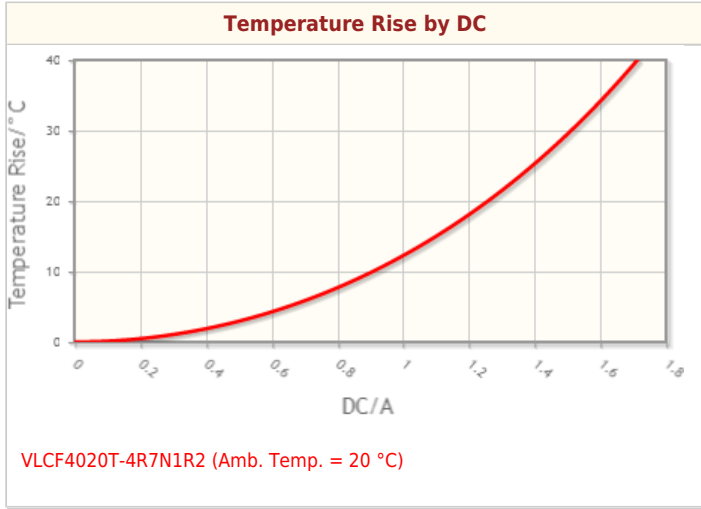


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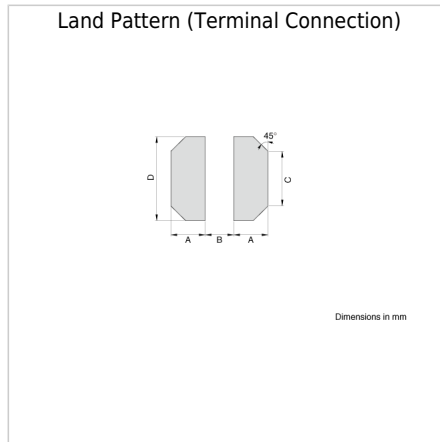
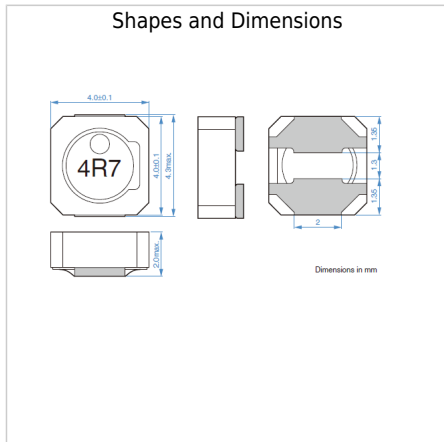
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## Associated Images



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