

VLCF4028T-470MR48-2



<b>Applications</b>	Commercial Grade
<b>Feature</b>	<span>Shield</span> Magnetic Shield <span>Wire Wound</span> Wire Wound <span>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	2.80mm 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	47µH ±20% at 100kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	480mA (30% Down)
Rated Current (Temperature Rise) [Typ.]	680mA (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	420mΩ
DC Resistance [Max.]	490mΩ
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	500pcs
Weight	0.159g

† Images are for reference only and show exemplary products.

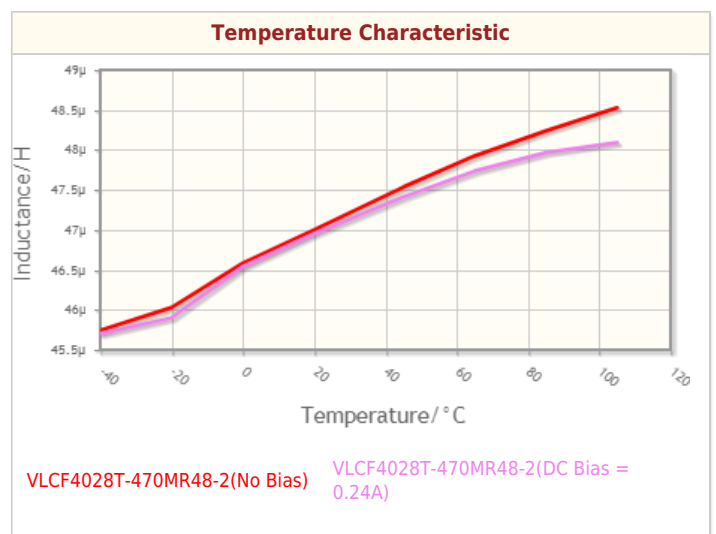
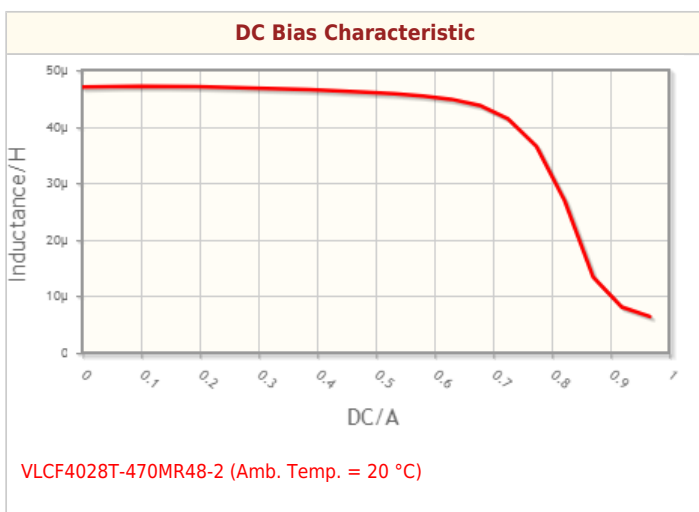
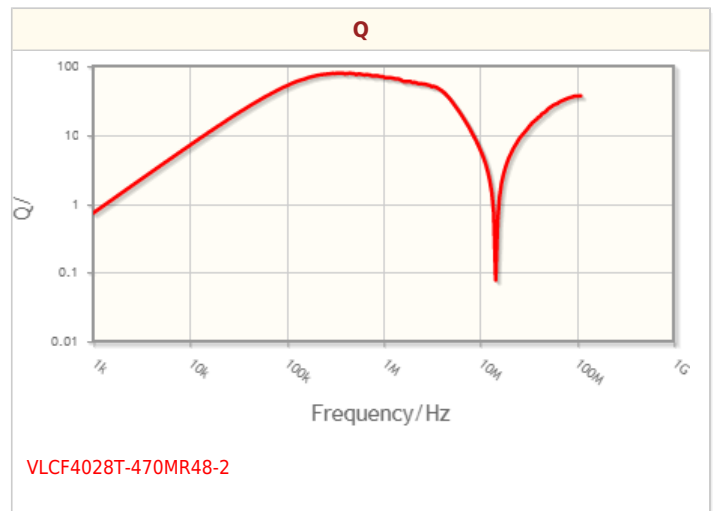
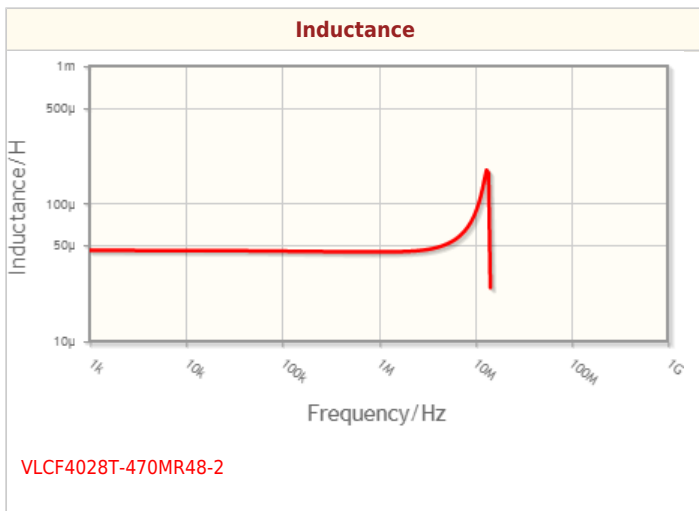
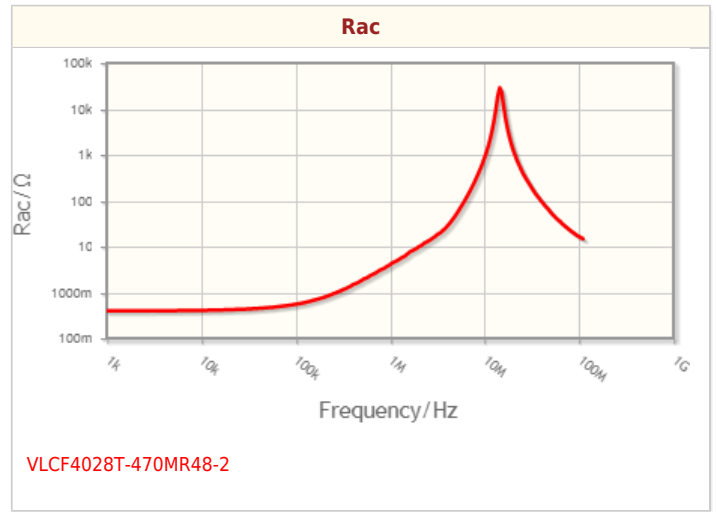
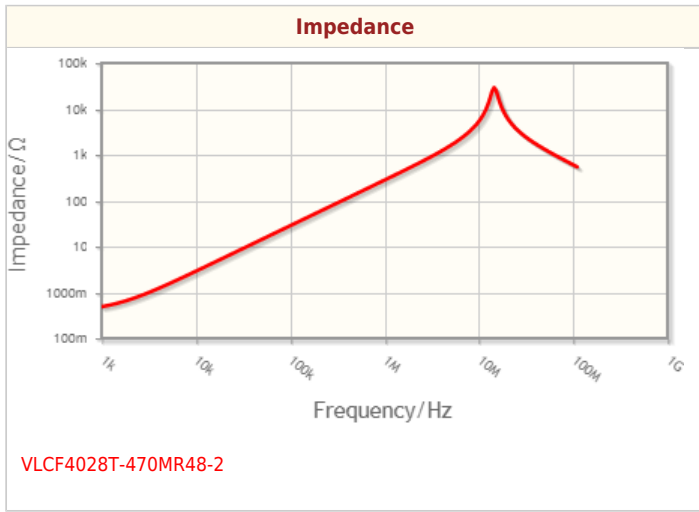
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

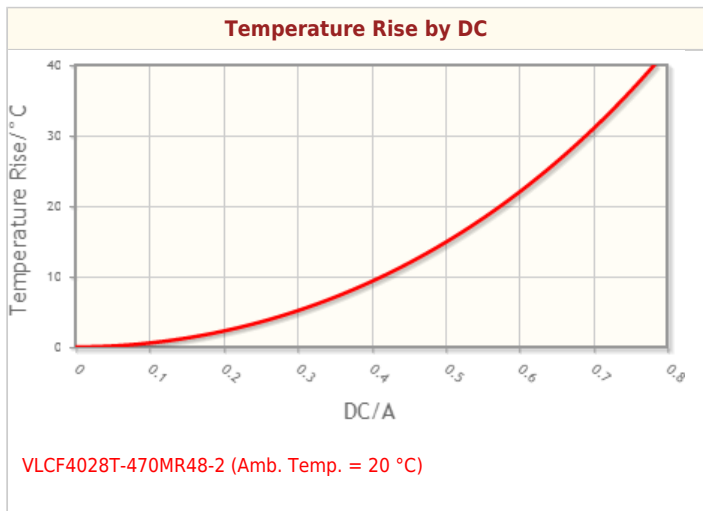


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## Associated Images

