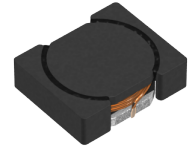


Applications	Automotive Grade
Feature	Wire Wound Magnetic Shield Ferrite Core
Series Type	VLF-M
Status	Obsolete Recommended Alternate Part No. : VLS5045EX-4R7M-H (Interchangeability is not guaranteed.) Discontinue Issue Date : May.18, 2017 Last Purchase Order Date : Mar.31, 2021 Last Shipment Date : Sep.30, 2021
Brand	TDK



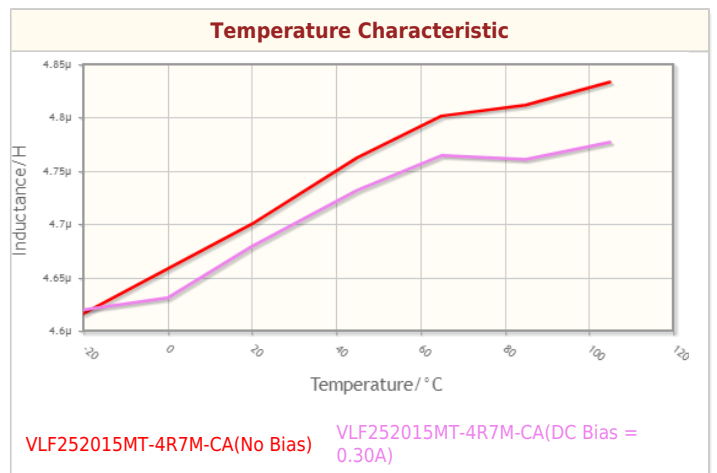
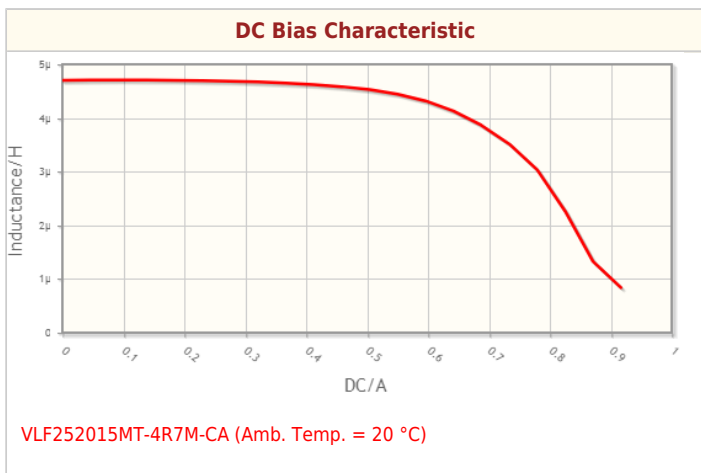
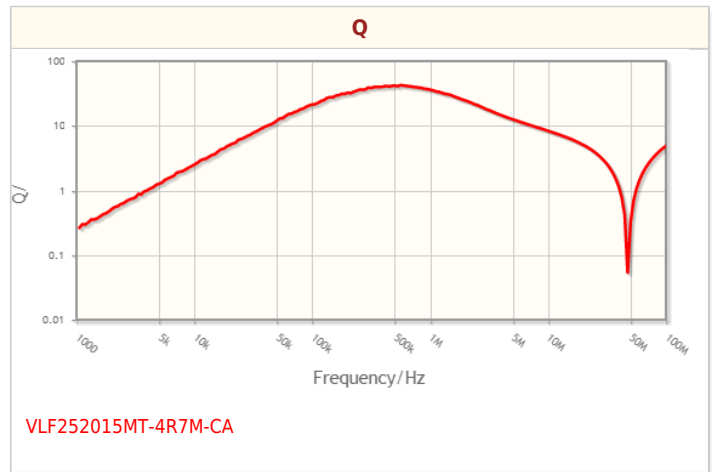
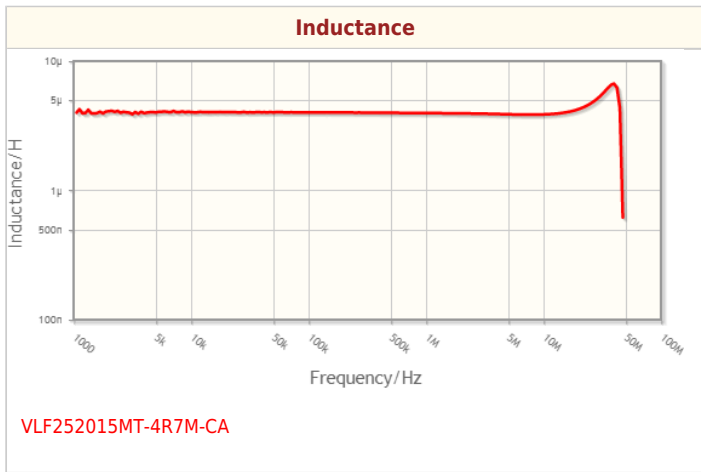
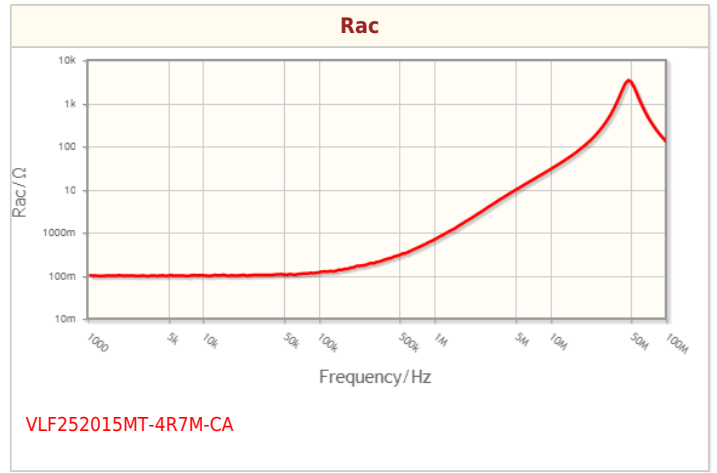
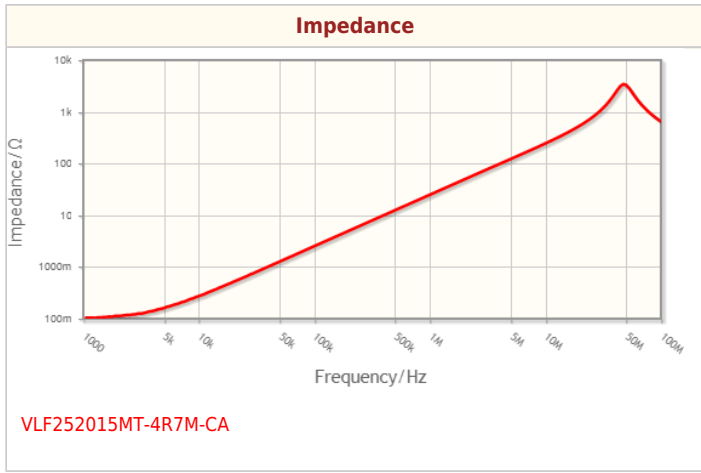
Size	
Length(L)	2.50mm ±0.20mm
Width(W)	2.00mm ±0.20mm
Thickness Height	1.50mm Max.
Recommended Land Pattern (A)	0.75mm Nom.
Recommended Land Pattern (B)	0.60mm Nom.
Recommended Land Pattern (C)	1.30mm Nom.

Electrical Characteristics	
Inductance	4.7µH ±20% at 1MHz
Rated Current (L Change) [Typ.]	660mA (30% Down)
Rated Current (L Change) [Max.]	590mA (30% Down)
Rated Current (Temperature Rise) [Typ.]	1.45A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	100mΩ
DC Resistance [Max.]	120mΩ
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	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs
Weight	0.027g

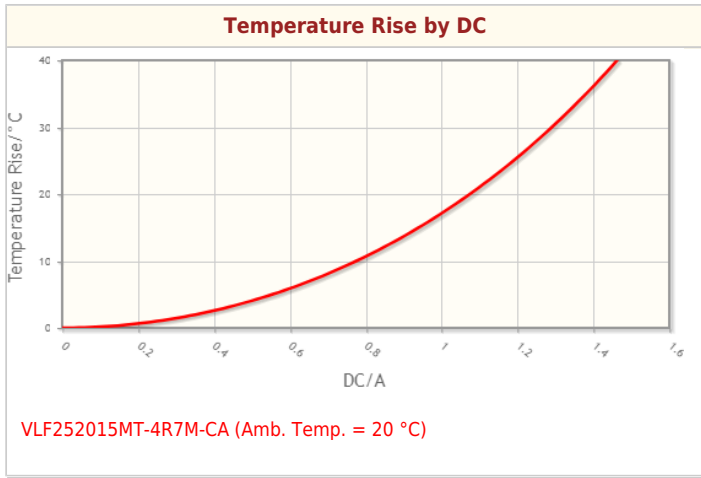
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All specifications are subject to change without notice.

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



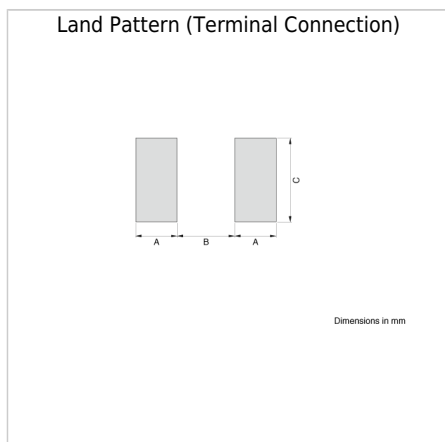
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Associated Images



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