

VLF504010MT-4R7M

**Applications**

Commercial Grade

Wire Wound

Magnetic Shield

Ferrite Core

Series | Type

VLF-M



Obsolete

Recommended Alternate Part No. : [VLS3012HBX-4R7M-N](#) (Interchangeability is not guaranteed.)

Status

Discontinue Issue Date : May.18, 2017

Last Purchase Order Date : Mar.31, 2021

Last Shipment Date : Sep.30, 2021

Brand

TDK

**Size**

| | |
|------------------------------|----------------------------|
| Length(L) | 5.00mm $\pm 0.30\text{mm}$ |
| Width(W) | 4.00mm $\pm 0.30\text{mm}$ |
| Thickness Height | 1.00mm Max. |
| Recommended Land Pattern (A) | 1.30mm Nom. |
| Recommended Land Pattern (B) | 1.60mm Nom. |
| Recommended Land Pattern (C) | 2.20mm Nom. |

Electrical Characteristics

| | |
|---|--------------------------------------|
| Inductance | 4.7 μH $\pm 20\%$ at 1MHz |
| Rated Current (L Change) [Typ.] | 1.47A (30% Down) |
| Rated Current (L Change) [Max.] | 1.32A (30% Down) |
| Rated Current (Temperature Rise) [Typ.] | 1.77A (40°C Rise) |
| Rated Current (Temperature Rise) [Max.] | |
| DC Resistance [Typ.] | 100m Ω |
| DC Resistance [Max.] | 120m Ω |
| Rated Voltage [Max.] | |
| Self Resonant Frequency [Min.] | |
| Self Resonant Frequency [Typ.] | |
| Q [Min.] | |
| Q [Typ.] | |

Other

| | |
|-----------------------|--|
| Operating Temp. Range | -40 to 105°C (Including Self-Temp. Rise) |
| Soldering Method | Reflow |

! Images are for reference only and show exemplary products.

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AEC-Q200

NO

Packing Embossed (Plastic)Taping [180mm Reel]

Package Quantity 1000pcs

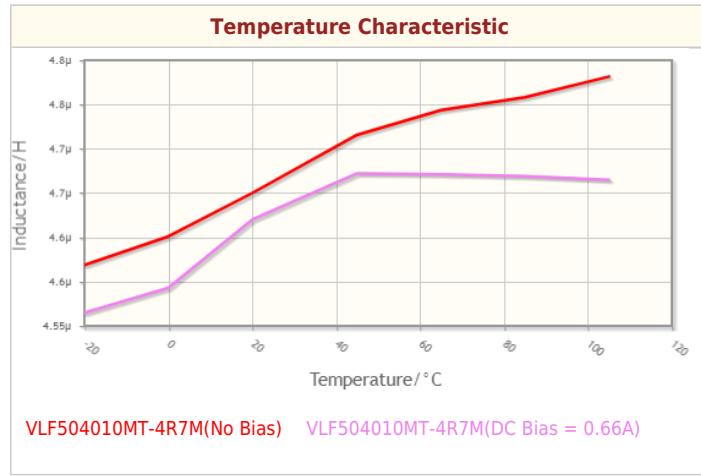
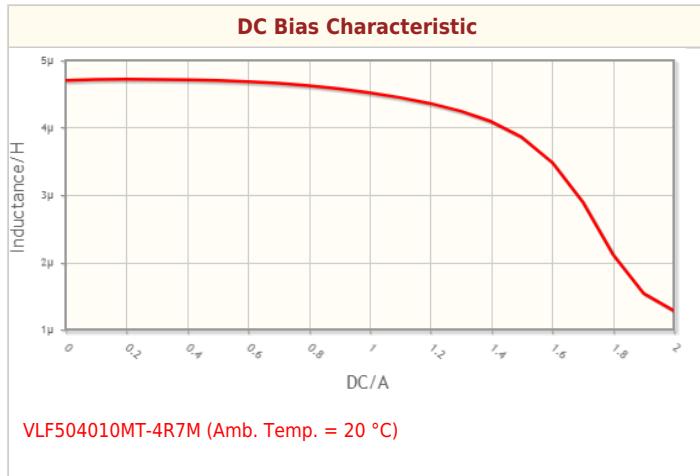
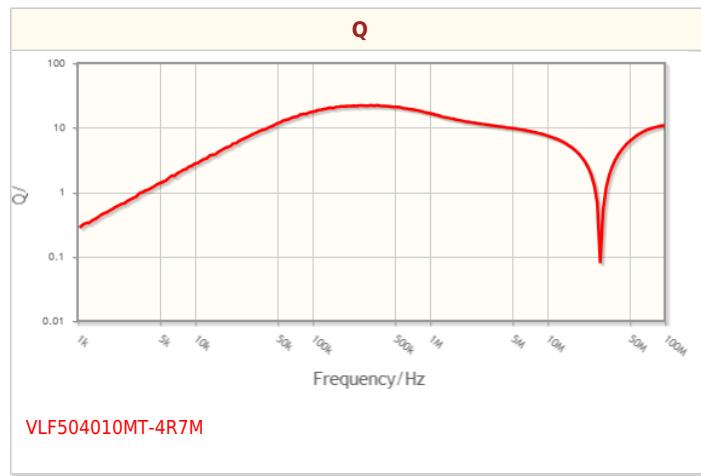
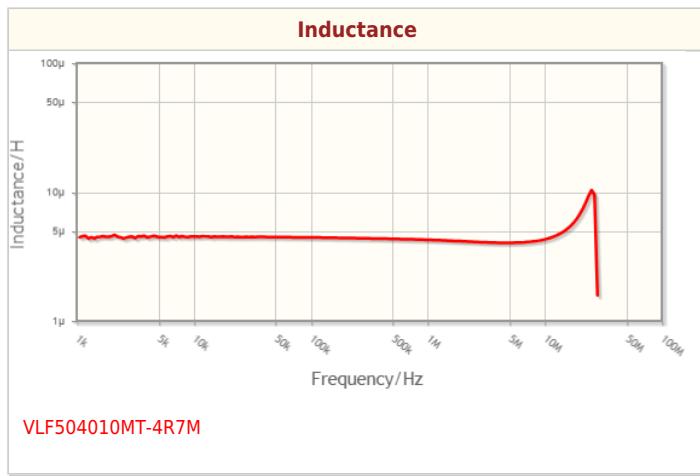
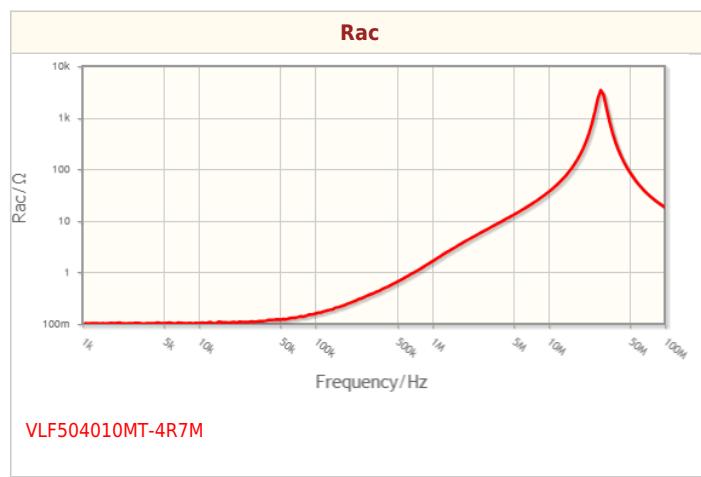
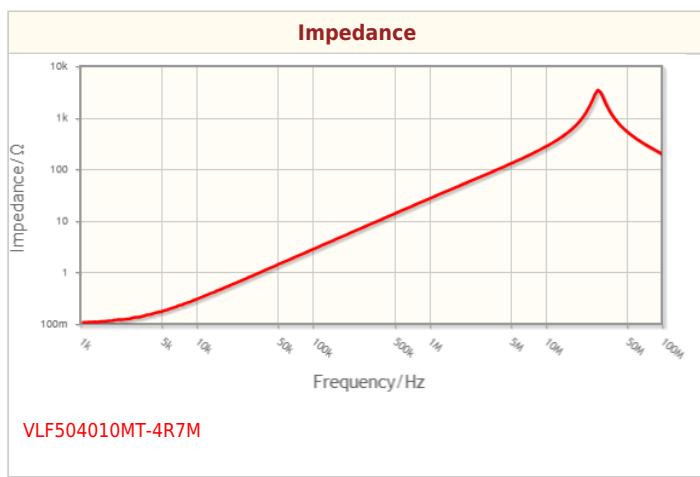
Weight 0.073g

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



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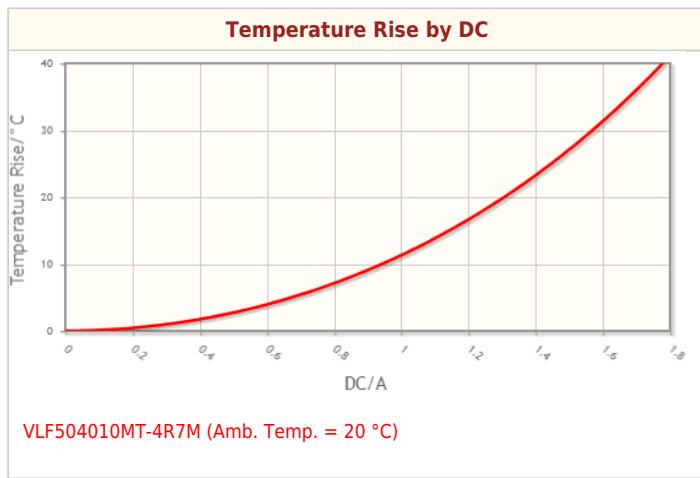
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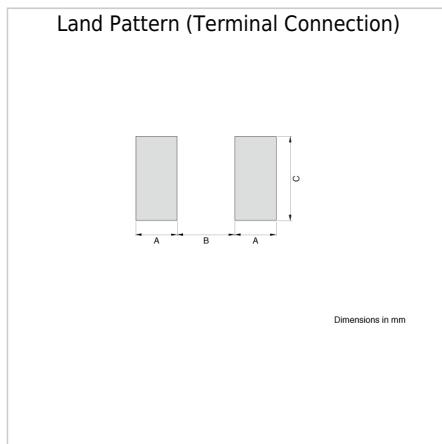


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Associated Images



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