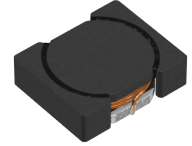


| | |
|----------------------|--|
| Applications | Automotive Grade |
| Feature | <div style="border: 1px solid red; padding: 2px; display: inline-block;">Wire Wound</div> Wire Wound <div style="border: 1px solid green; padding: 2px; display: inline-block;">Shield</div> Magnetic Shield <div style="border: 1px solid gray; padding: 2px; display: inline-block;">Ferrite Core</div> Ferrite Core |
| Series Type | VLF-M |
| Status | <div style="border: 1px solid red; padding: 2px; display: inline-block;"> Obsolete</div> Recommended Alternate Part No. : VLS5045EX-3R3M-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) | 4.00mm ±0.20mm |
| Width(W) | 3.20mm ±0.20mm |
| Thickness Height | 1.50mm Max. |
| Recommended Land Pattern (A) | 1.10mm Nom. |
| Recommended Land Pattern (B) | 1.30mm Nom. |
| Recommended Land Pattern (C) | 1.80mm Nom. |

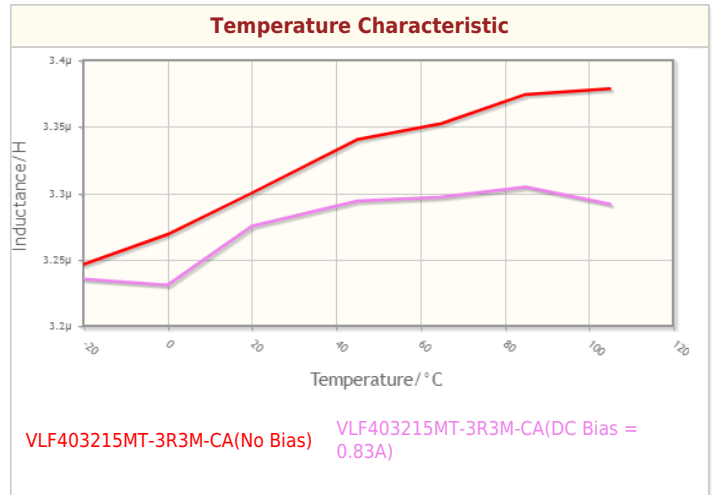
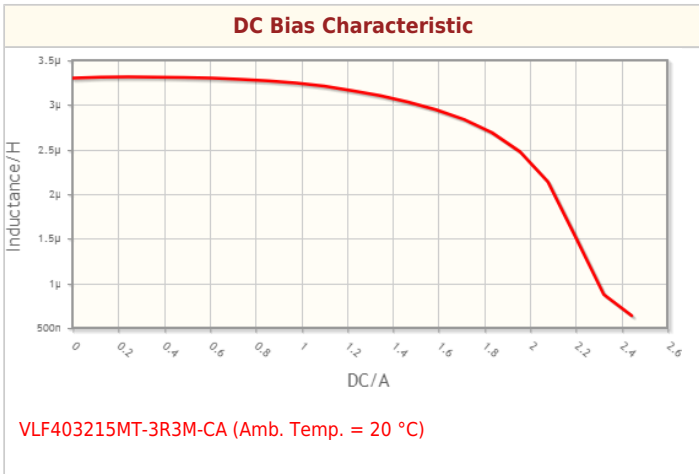
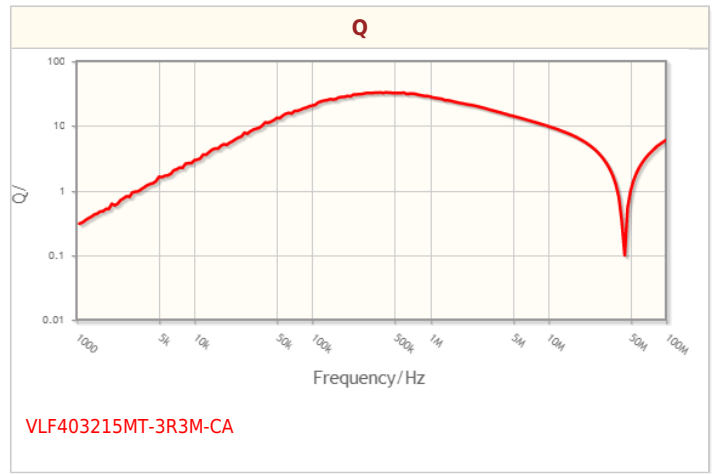
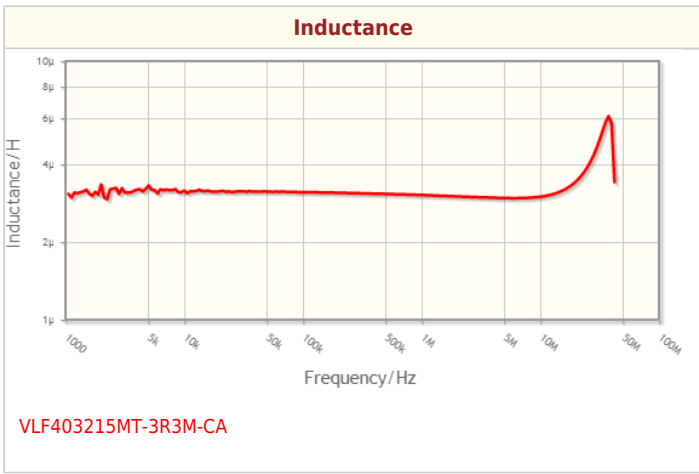
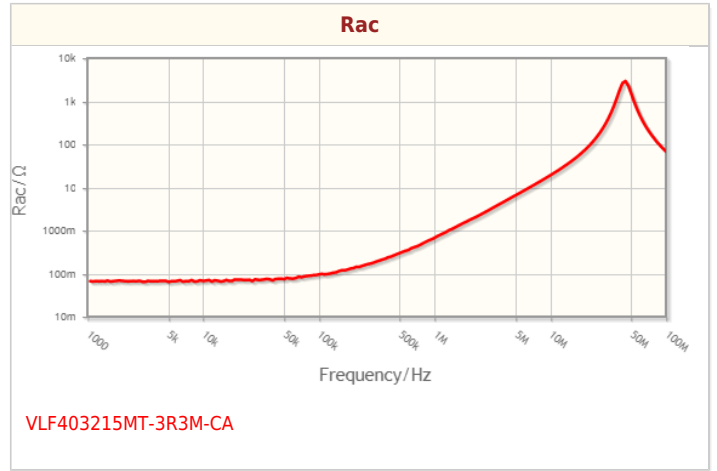
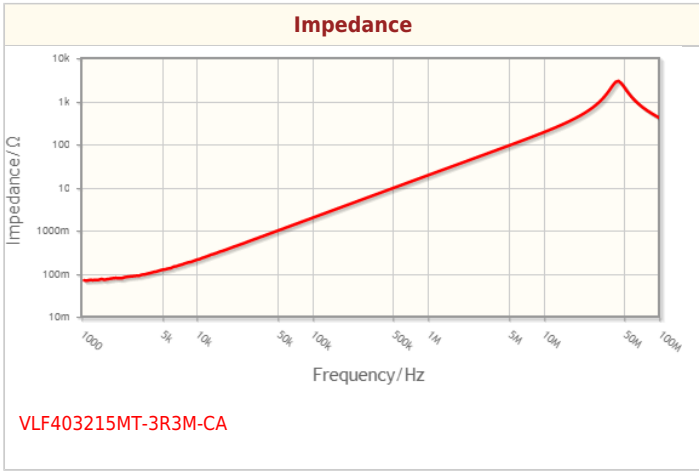
| Electrical Characteristics | |
|---|--------------------|
| Inductance | 3.3µH ±20% at 1MHz |
| Rated Current (L Change) [Typ.] | 1.83A (30% Down) |
| Rated Current (L Change) [Max.] | 1.65A (30% Down) |
| Rated Current (Temperature Rise) [Typ.] | 2.65A (40°C Rise) |
| Rated Current (Temperature Rise) [Max.] | |
| DC Resistance [Typ.] | 51mΩ |
| DC Resistance [Max.] | 62mΩ |
| 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] |

! Images are for reference only and show exemplary products.
 ! This PDF document was created based on the data listed on the TDK Corporation website.
 ! All specifications are subject to change without notice.

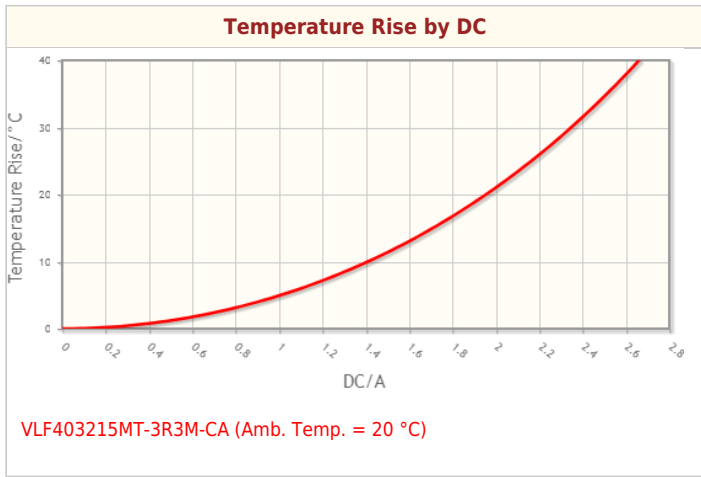
| | |
|------------------|---------|
| Package Quantity | 1000pcs |
| Weight | 0.072g |

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



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Associated Images

