

| | |
|----------------------|--|
| Applications | Commercial 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 | VLCF |
| Status | Production |
| Brand | TDK |



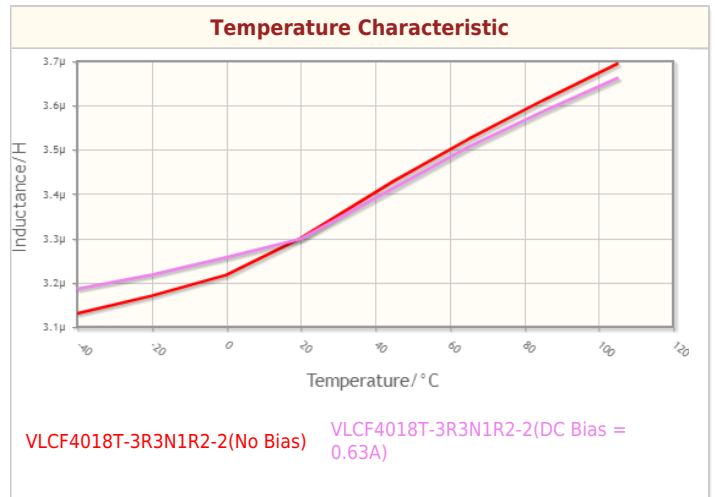
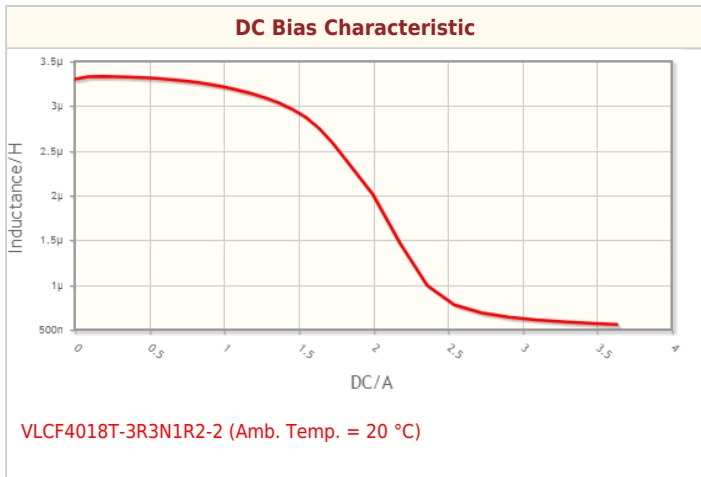
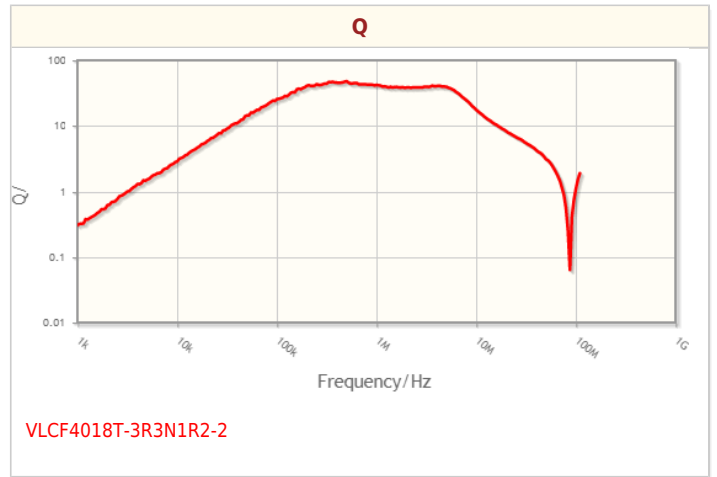
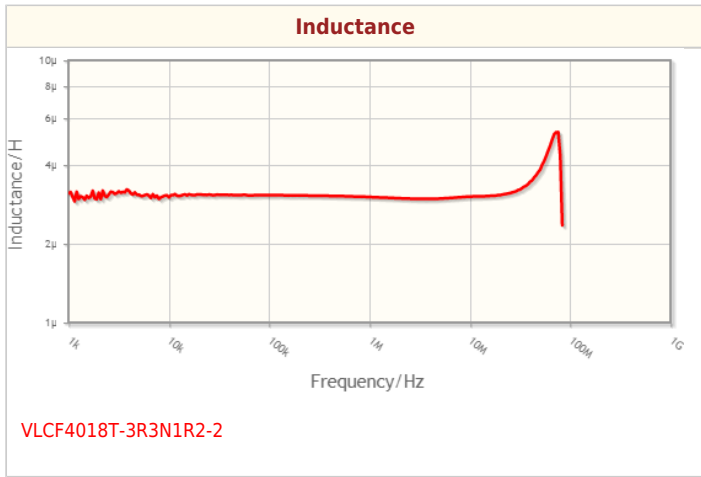
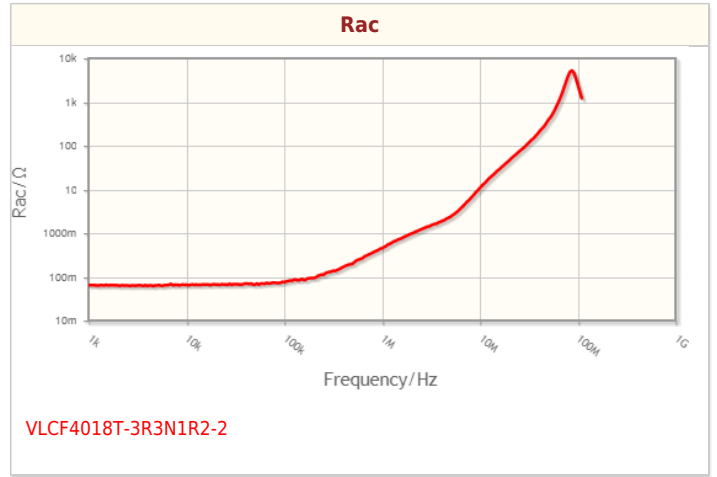
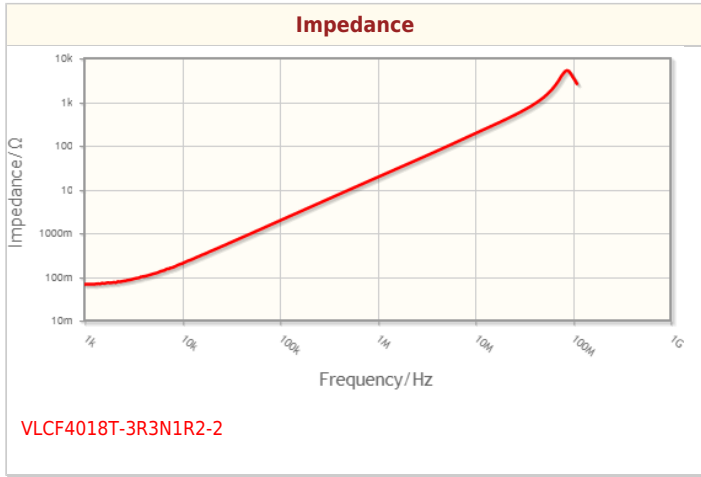
| Size | |
|------------------------------|----------------|
| Length(L) | 4.00mm ±0.10mm |
| Width(W) | 4.00mm ±0.10mm |
| Thickness Height | 1.80mm Max. |
| Recommended Land Pattern (A) | 1.60mm Nom. |
| Recommended Land Pattern (B) | 1.30mm Nom. |
| Recommended Land Pattern (C) | 2.50mm Nom. |
| Recommended Land Pattern (D) | 3.90mm Nom. |

| Electrical Characteristics | |
|---|----------------------|
| Inductance | 3.3μH ±30% at 100kHz |
| Rated Current (L Change) [Typ.] | |
| Rated Current (L Change) [Max.] | 1.26A (30% Down) |
| Rated Current (Temperature Rise) [Typ.] | 1.93A (40°C Rise) |
| Rated Current (Temperature Rise) [Max.] | |
| DC Resistance [Typ.] | 69mΩ |
| DC Resistance [Max.] | 79mΩ |
| 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 | 1000pcs |
| Weight | 0.106g |

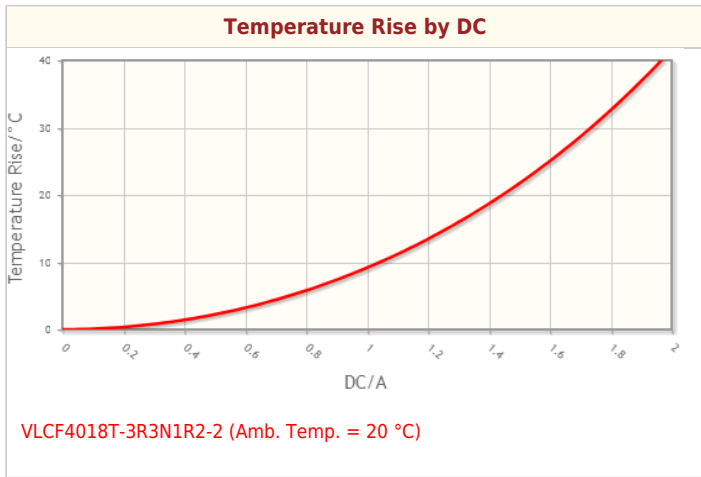
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 ! All specifications are subject to change without notice.

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



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Associated Images

