

| | |
|----------------------|---|
| Applications | Automotive Grade |
| Feature | <div style="border: 1px solid red; padding: 2px;">Wire Wound</div> Wire Wound <div style="border: 1px solid green; padding: 2px;">Shield</div> Magnetic Shield <div style="border: 1px solid gray; padding: 2px;">Ferrite Core</div> Ferrite Core |
| Series Type | VLS-E |
| Status | Production (Not Recommended for New Design) Recommended Alternate Part No. : Contact |
| Brand | TDK |



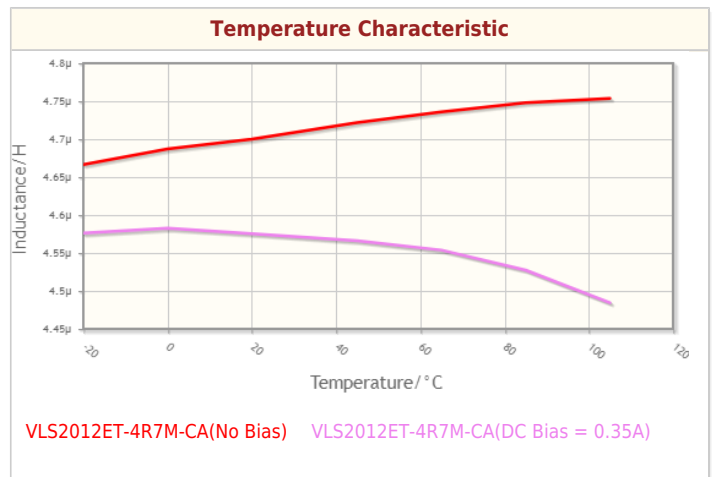
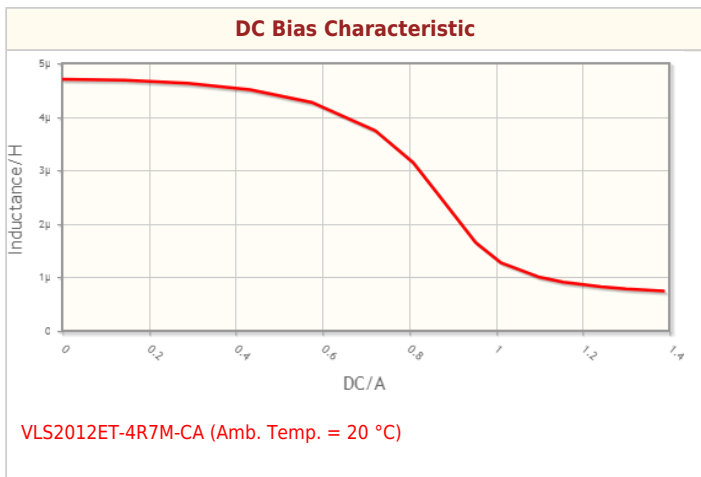
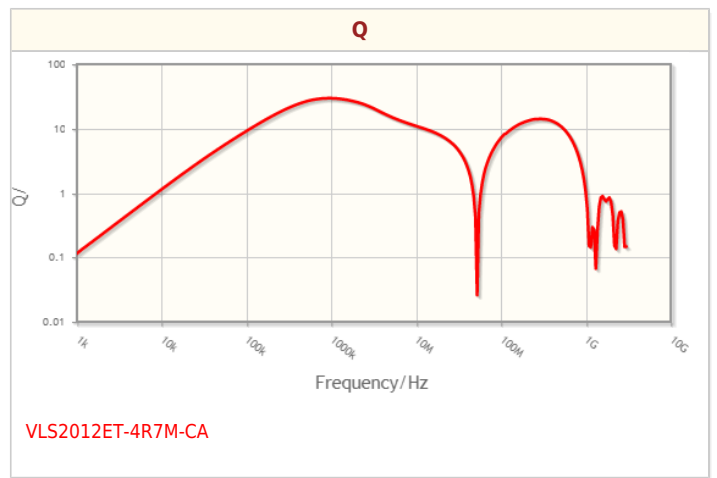
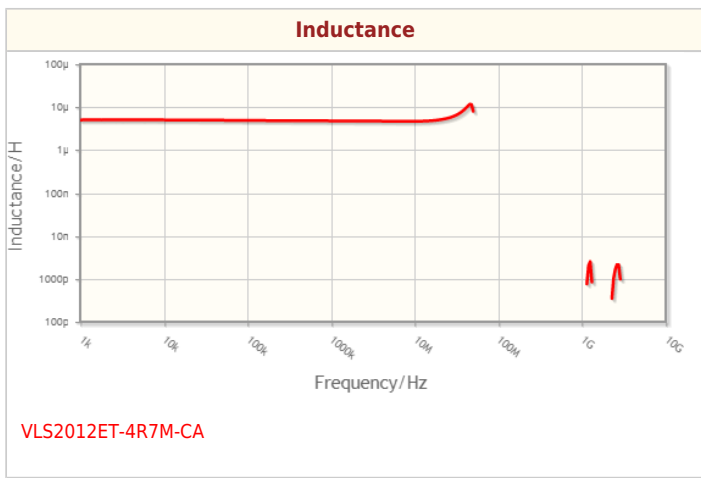
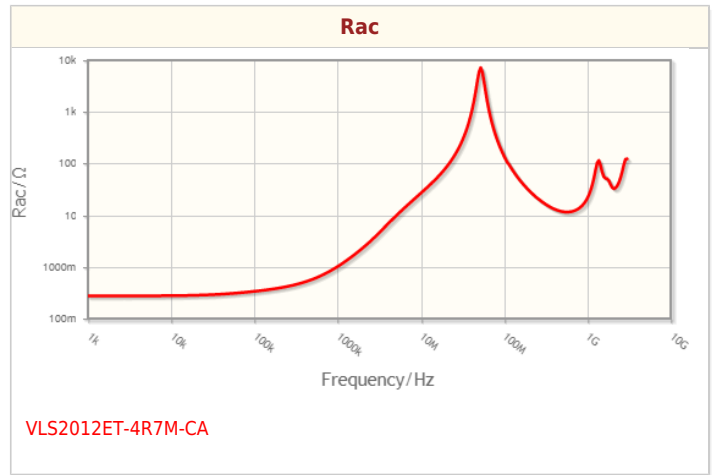
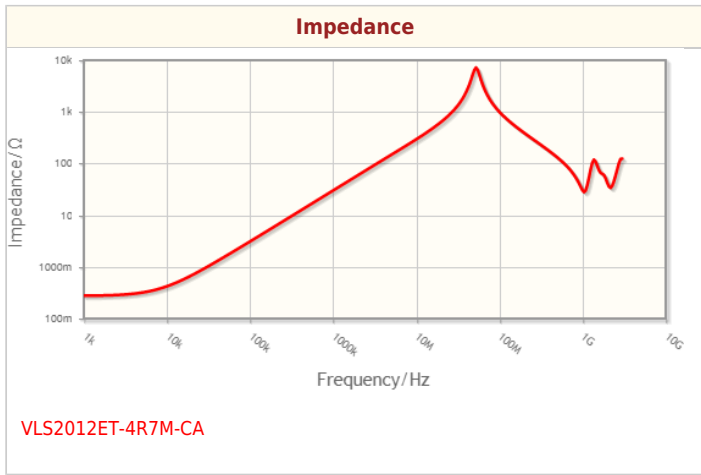
| Size | |
|------------------------------|----------------|
| Length(L) | 2.00mm ±0.10mm |
| Width(W) | 2.00mm ±0.10mm |
| Thickness Height | 1.20mm Max. |
| Recommended Land Pattern (A) | 0.65mm Nom. |
| Recommended Land Pattern (B) | 0.70mm Nom. |
| Recommended Land Pattern (C) | 2.00mm Nom. |

| Electrical Characteristics | |
|---|--------------------|
| Inductance | 4.7µH ±20% at 1MHz |
| Rated Current (L Change) [Typ.] | 780mA (30% Down) |
| Rated Current (L Change) [Max.] | 700mA (30% Down) |
| Rated Current (Temperature Rise) [Typ.] | 840mA (40°C Rise) |
| Rated Current (Temperature Rise) [Max.] | |
| DC Resistance [Typ.] | 280mΩ |
| DC Resistance [Max.] | 336mΩ |
| 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 | 0.017g |

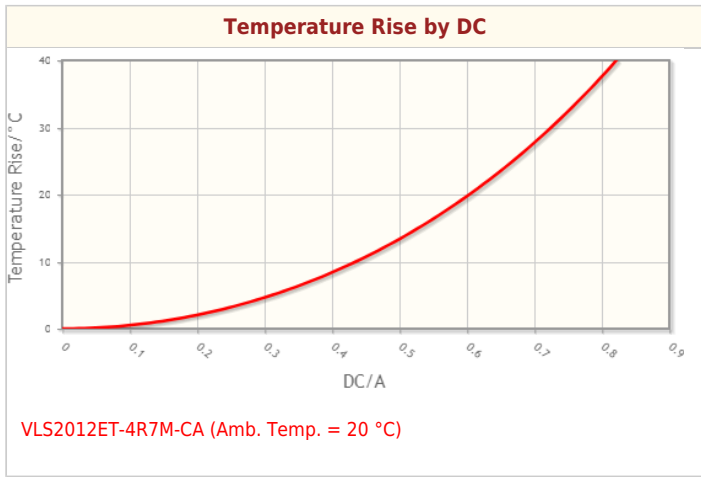
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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Associated Images

