

| | |
|----------------------|---|
| Applications | Automotive Grade |
| Feature | Wire Wound Wire Wound Shield Magnetic Shield Ferrite Core Ferrite Core |
| Series Type | VLS-E |
| Status | Production (Not Recommended for New Design) Recommended Alternate Part No. : TFM201610ALMAR47MTAA (Interchangeability is not guaranteed.) |
| Brand | TDK |



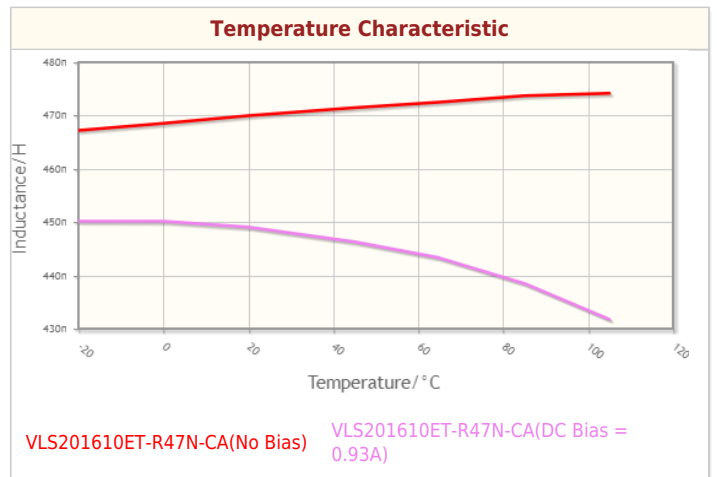
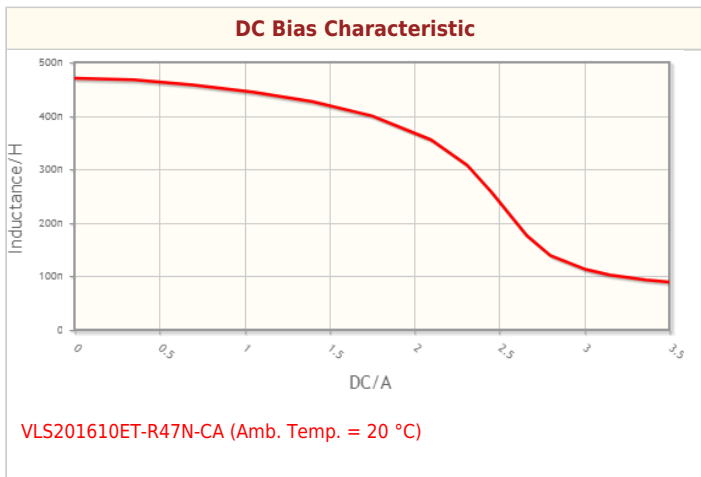
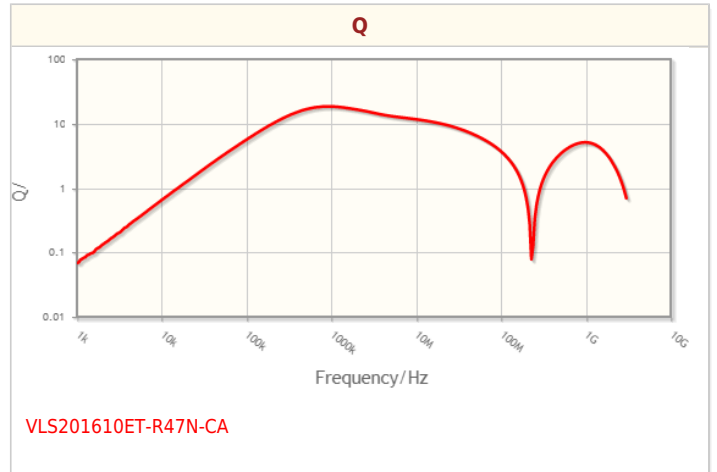
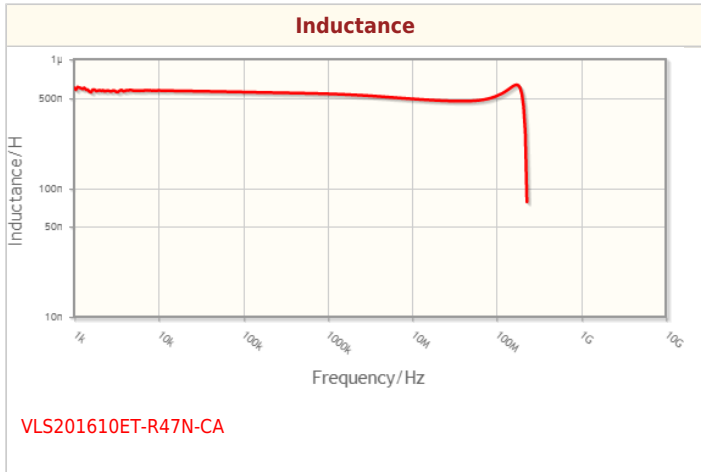
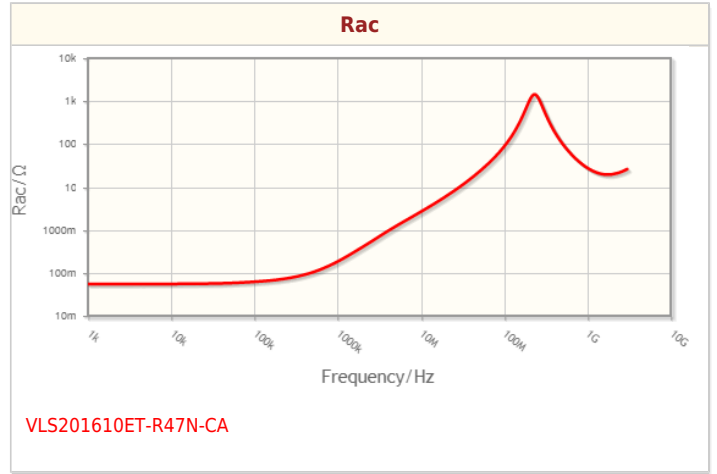
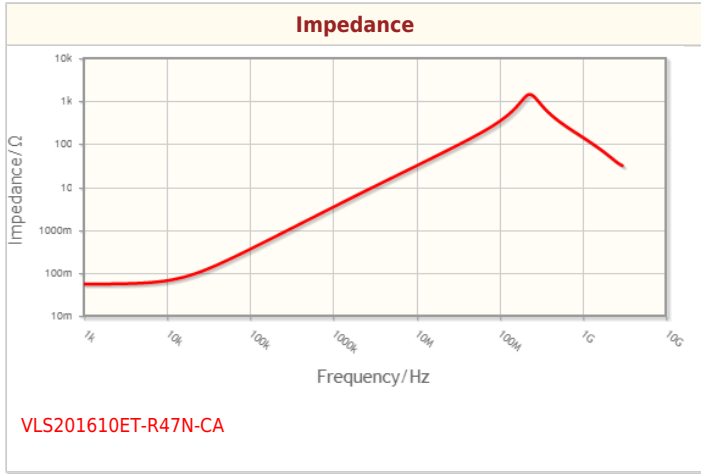
| Size | |
|------------------------------|----------------|
| Length(L) | 2.00mm ±0.10mm |
| Width(W) | 1.60mm ±0.10mm |
| Thickness Height | 0.95mm Max. |
| Recommended Land Pattern (A) | 0.65mm Nom. |
| Recommended Land Pattern (B) | 0.70mm Nom. |
| Recommended Land Pattern (C) | 1.60mm Nom. |

| Electrical Characteristics | |
|---|--------------------|
| Inductance | 470nH ±30% at 1MHz |
| Rated Current (L Change) [Typ.] | 2.1A (30% Down) |
| Rated Current (L Change) [Max.] | 1.85A (30% Down) |
| Rated Current (Temperature Rise) [Typ.] | 1.95A (40°C Rise) |
| Rated Current (Temperature Rise) [Max.] | |
| DC Resistance [Typ.] | 54mΩ |
| DC Resistance [Max.] | 65mΩ |
| 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 | 0.012g |

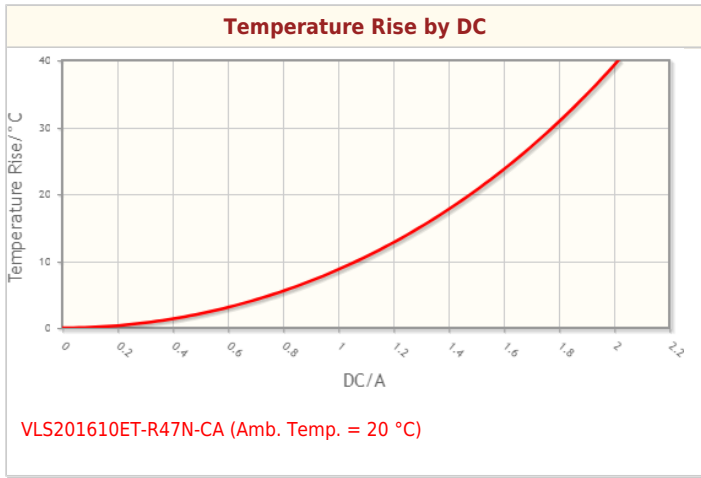
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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Associated Images

