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| Applications | Automotive Grade |
| Feature | <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 2px;">AEC-Q200</div> AEC-Q200 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 2px;">Wire Wound</div> Wire Wound <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 2px;">Shield</div> Magnetic Shield <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 2px;">Ferrite Core</div> Ferrite Core |
| Series Type | CLF-CA |
| Status | <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 2px;"></div> Obsolete Recommended Alternate Part No. : CLF7045T-330M-D (Interchangeability is not guaranteed.) Discontinue Issue Date : May.18, 2017 Last Purchase Order Date : Mar.29, 2019 Last Shipment Date : Sep.30, 2019 |
| Brand | TDK |



| Size | |
|------------------------------|----------------|
| Length(L) | 7.20mm ±0.20mm |
| Width(W) | 6.90mm ±0.20mm |
| Thickness Height | 4.50mm ±0.30mm |
| Recommended Land Pattern (A) | 1.70mm Nom. |
| Recommended Land Pattern (B) | 4.40mm Nom. |
| Recommended Land Pattern (C) | 2.20mm Nom. |

| Electrical Characteristics | |
|-----------------------------------------|---------------------|
| Inductance | 33μH ±20% at 100kHz |
| Rated Current (L Change) [Typ.] | 1.55A (10% Down) |
| Rated Current (L Change) [Max.] | |
| Rated Current (Temperature Rise) [Typ.] | 1.4A (30°C Rise) |
| Rated Current (Temperature Rise) [Max.] | |
| DC Resistance [Typ.] | 110mΩ |
| DC Resistance [Max.] | 137mΩ |
| 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 |
| | Iron Soldering |
| AEC-Q200 | YES |
| Packing | Punched (Paper)Taping [330mm Reel] |

| | |
|------------------|---------|
| Package Quantity | 1000pcs |
|------------------|---------|

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|--------|------|
| Weight | 0.8g |
|--------|------|

! Images are for reference only and show exemplary products.

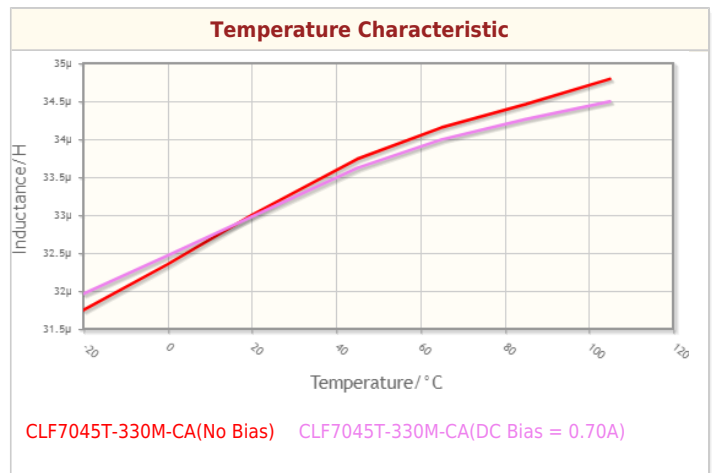
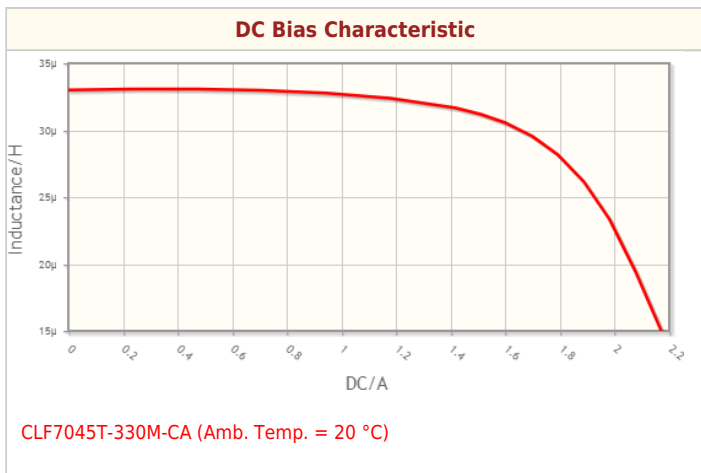
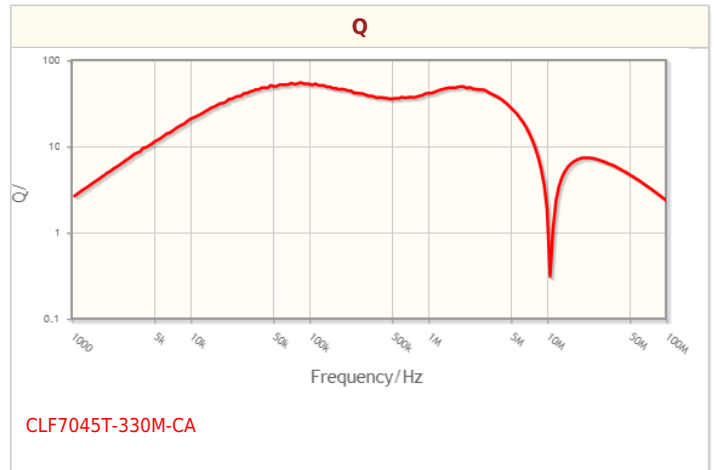
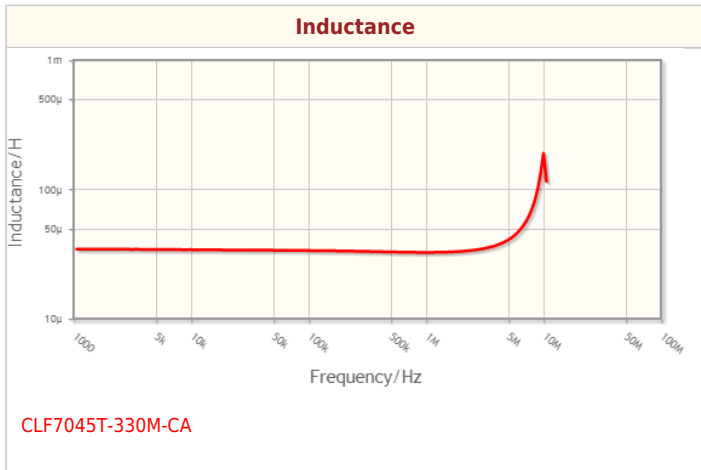
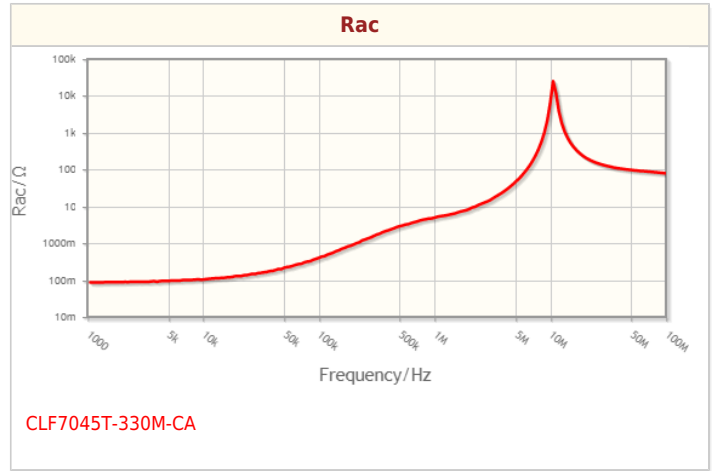
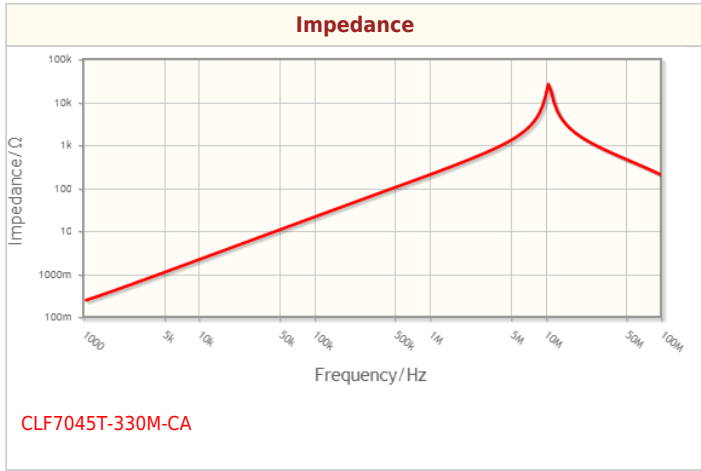
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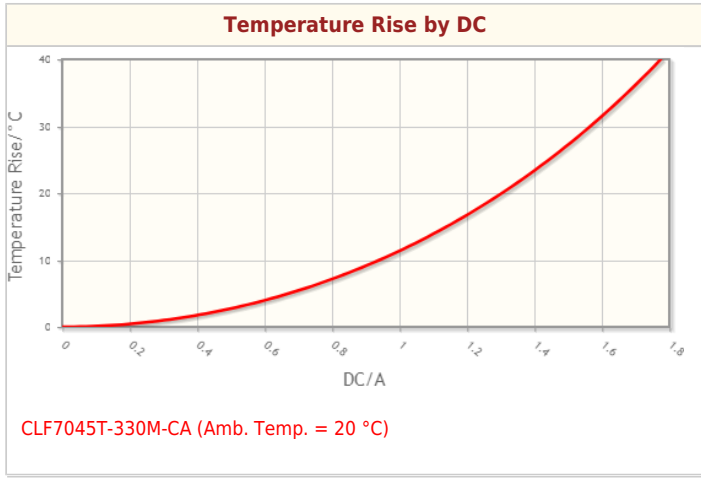
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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Associated Images

