

| | |
|----------------------|--|
| 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; background-color: #f8d7da;">Wire Wound</div> Wire Wound <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 2px; background-color: #d4edda;">Shield</div> Magnetic Shield <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 2px; background-color: #d4d4d4;">Ferrite Core</div> Ferrite Core |
| Series Type | SLF-H |
| Status | Production |
| Brand | TDK |



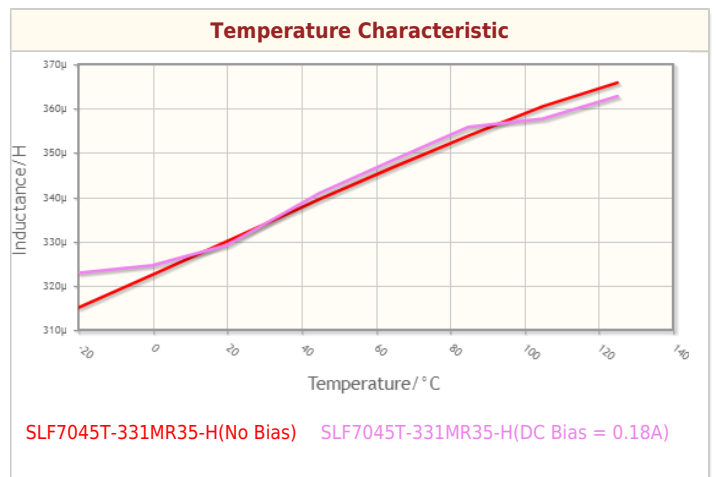
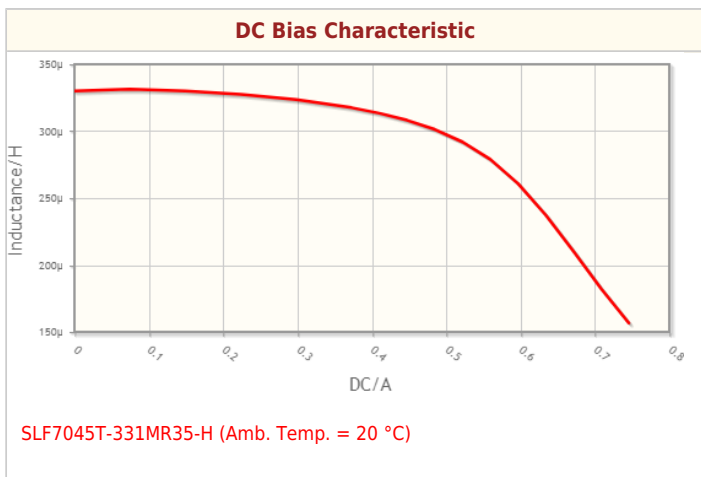
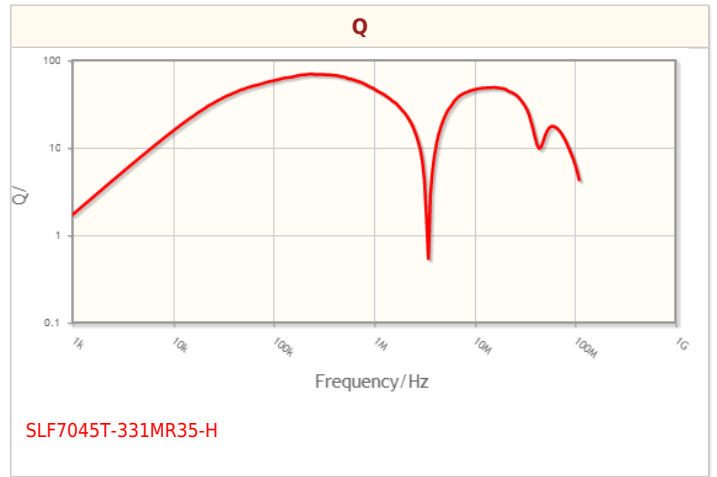
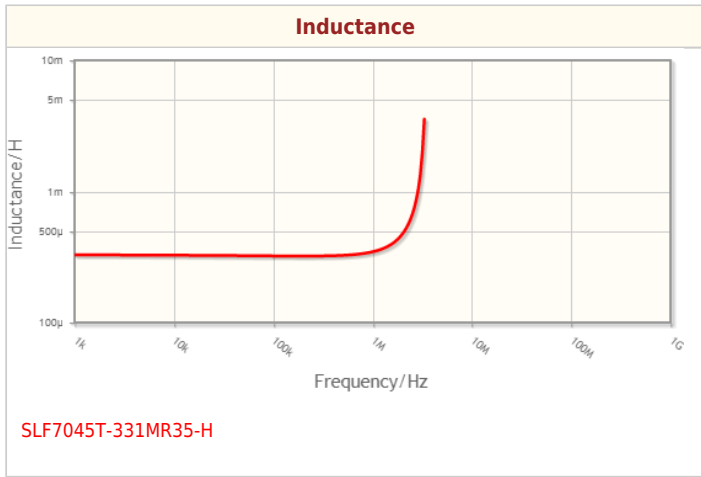
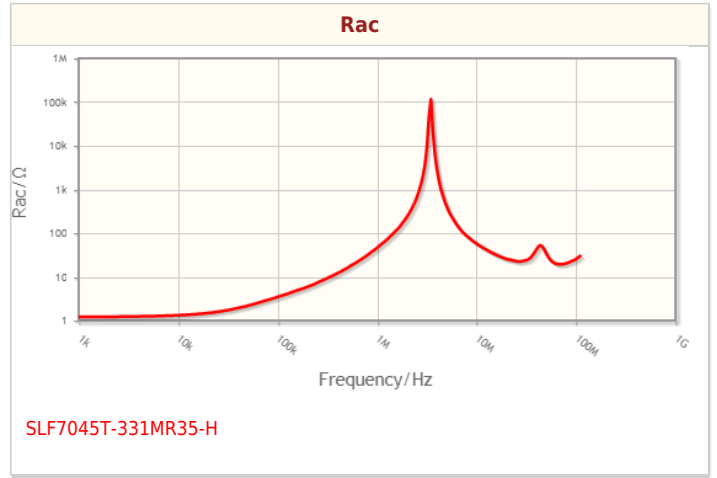
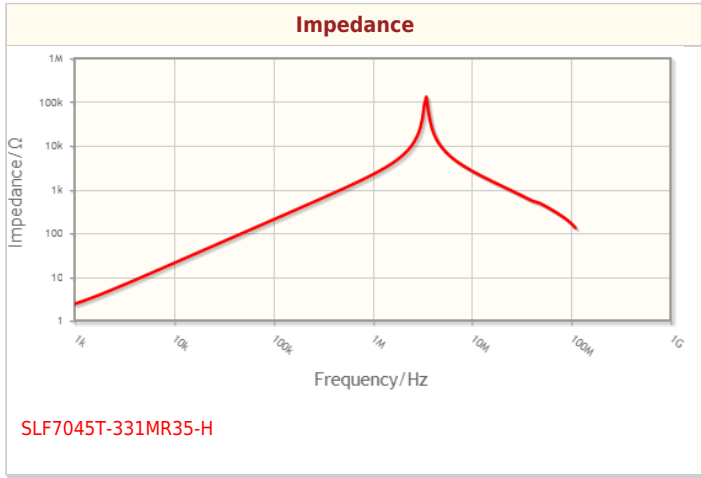
| Size | |
|------------------------------|----------------|
| Length(L) | 7.00mm ±0.20mm |
| Width(W) | 7.00mm ±0.20mm |
| Thickness Height | 4.50mm ±0.30mm |
| Recommended Land Pattern (A) | 1.50mm Nom. |
| Recommended Land Pattern (B) | 4.80mm Nom. |
| Recommended Land Pattern (C) | 2.20mm Nom. |

| Electrical Characteristics | |
|---|----------------------|
| Inductance | 330µH ±20% at 100kHz |
| Rated Current (L Change) [Typ.] | |
| Rated Current (L Change) [Max.] | 350mA (10% Down) |
| Rated Current (Temperature Rise) [Typ.] | 370mA (20°C Rise) |
| Rated Current (Temperature Rise) [Max.] | |
| DC Resistance [Typ.] | 1.15Ω |
| DC Resistance [Max.] | 1.38Ω |
| Self Resonant Frequency [Min.] | |
| Self Resonant Frequency [Typ.] | |
| Q [Min.] | |
| Q [Typ.] | |

| Other | |
|---|--|
| Operating Temp. Range (Including Self-Temp. Rise) | -40 to 125°C |
| Soldering Method | Reflow Iron Soldering |
| AEC-Q200 | YES |
| Packing | Embossed (Plastic)Taping [330mm Reel, Tape width 16mm] |
| Package Quantity | 1000pcs |
| Weight | 0.61g |

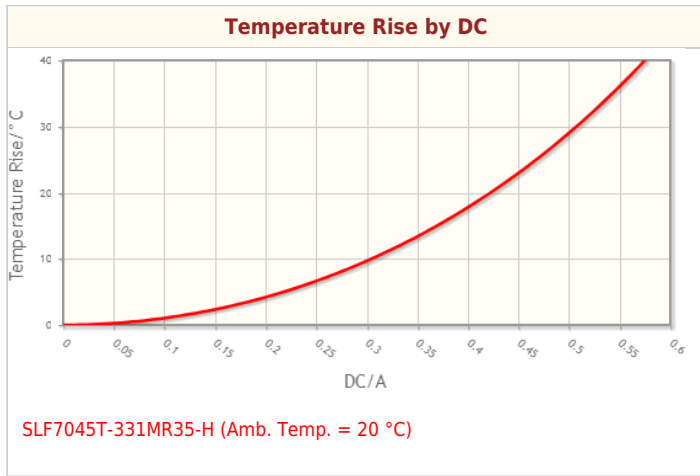
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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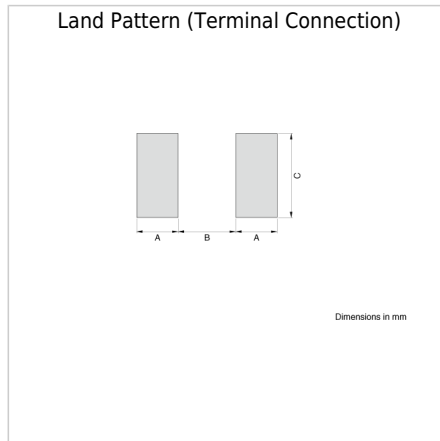
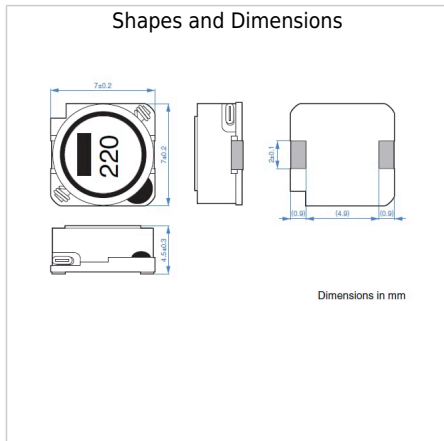
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