

SLF12555T-102MR34-PF



|                      |   |
|----------------------|---|
| <b>Applications</b>  | Commercial Grade  |
| <b>Feature</b>       | <div style="border: 1px solid red; padding: 2px;">Wire Wound</div> Wire Wound<br><div style="border: 1px solid green; padding: 2px;">Shield</div> Magnetic Shield<br><div style="border: 1px solid gray; padding: 2px;">Ferrite Core</div> Ferrite Core |
| <b>Series   Type</b> | SLF   |
| <b>Status</b>        | <div style="border: 1px solid red; padding: 2px;"> Obsolete</div><br>Recommended Alternate Part No. : None<br>Discontinue Issue Date : Jun.3, 2022<br>Last Purchase Order Date : Sep.30, 2023<br>Last Shipment Date : Mar.31, 2024                      |
| <b>Brand</b>         | TDK   |



| Size                         |                 |
|------------------------------|-----------------|
| Length(L)                    | 12.50mm ±0.30mm |
| Width(W)                     | 12.50mm ±0.30mm |
| Thickness   Height           | 5.50mm ±0.30mm  |
| Recommended Land Pattern (A) | 2.60mm Nom.     |
| Recommended Land Pattern (B) | 8.50mm Nom.     |
| Recommended Land Pattern (C) | 3.20mm Nom.     |

| Electrical Characteristics              |                   |
|---|-------------------|
| Inductance                              | 1mH ±20% at 1kHz  |
| Rated Current (L Change) [Typ.]         |                   |
| Rated Current (L Change) [Max.]         | 340mA (10% Down)  |
| Rated Current (Temperature Rise) [Typ.] | 600mA (30°C Rise) |
| Rated Current (Temperature Rise) [Max.] |                   |
| DC Resistance [Typ.]                    | 1.12Ω             |
| DC Resistance [Max.]                    | 1.344Ω            |
| Rated Voltage [Max.]                    |                   |
| 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 |

! Images are for reference only and show exemplary products.  
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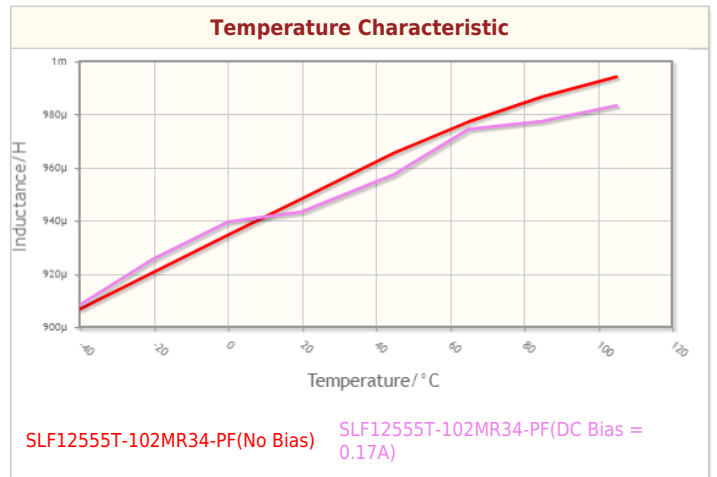
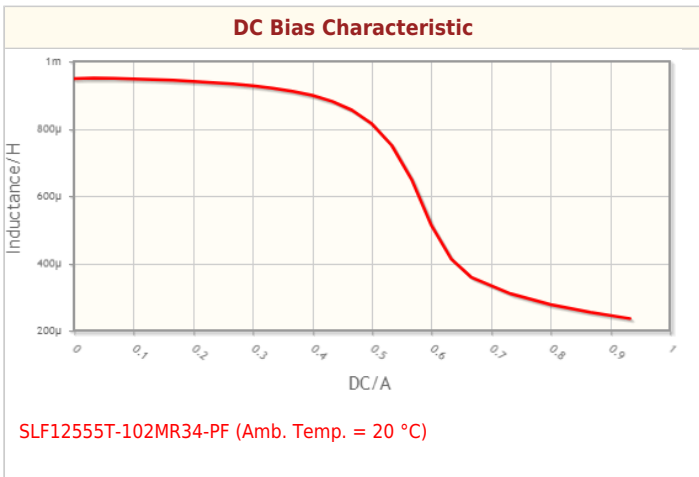
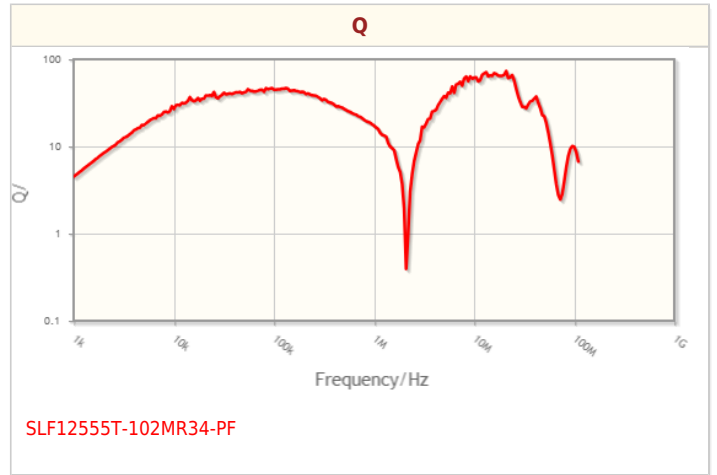
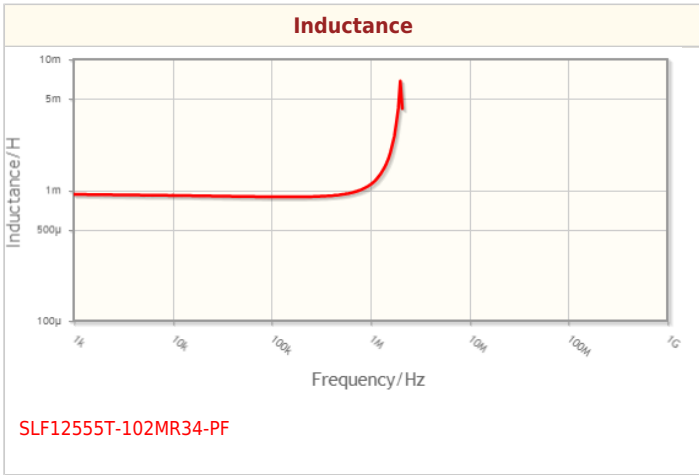
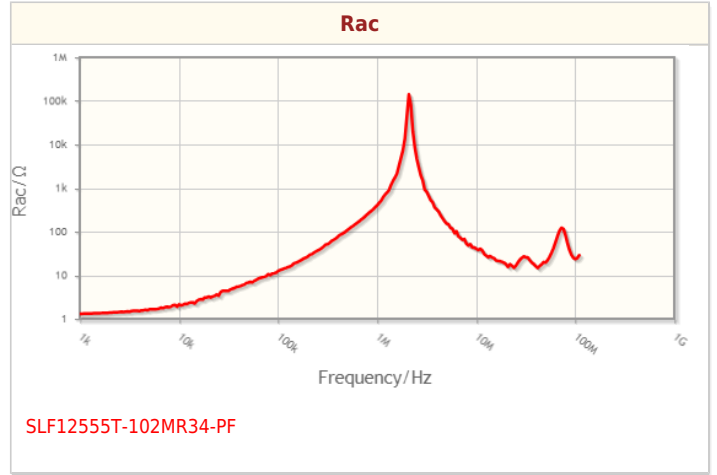
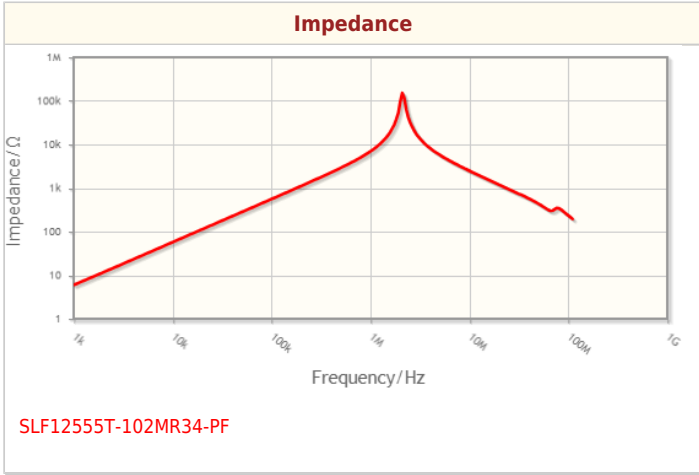
|                  |                                       |
|------------------|---------------------------------------|
| AEC-Q200         | NO                                    |
| Packing          | Embossed (Plastic)Taping [330mm Reel] |
| Package Quantity | 500pcs                                |
| Weight           | 2.6g                                  |

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

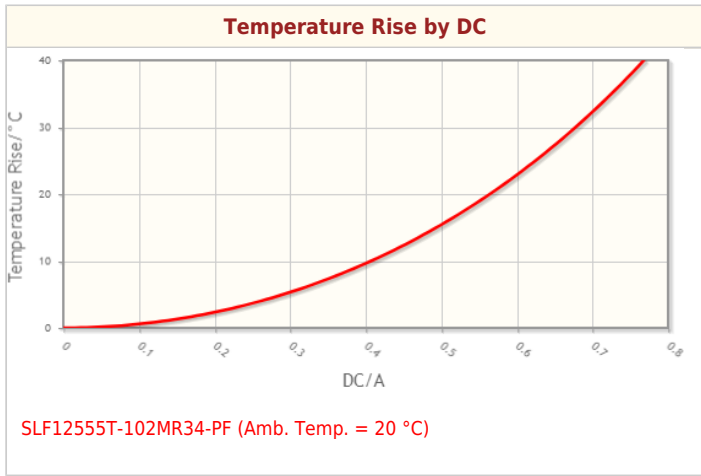


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## Associated Images

