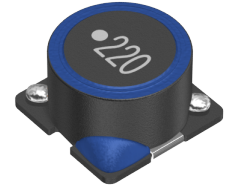


|                      |   |
|----------------------|---|
| <b>Applications</b>  | Commercial Grade                              |
| <b>Feature</b>       | Wire Wound<br>Magnetic Shield<br>Ferrite Core |
| <b>Series   Type</b> | SLF   |
| <b>Status</b>        | Production                                    |
| <b>Brand</b>         | TDK   |



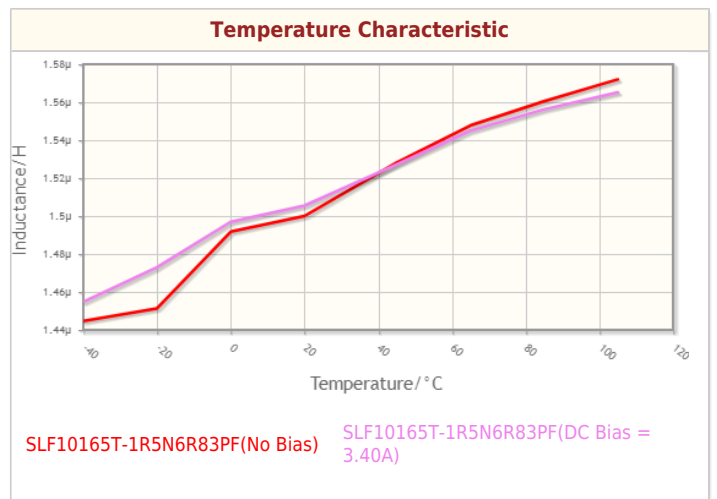
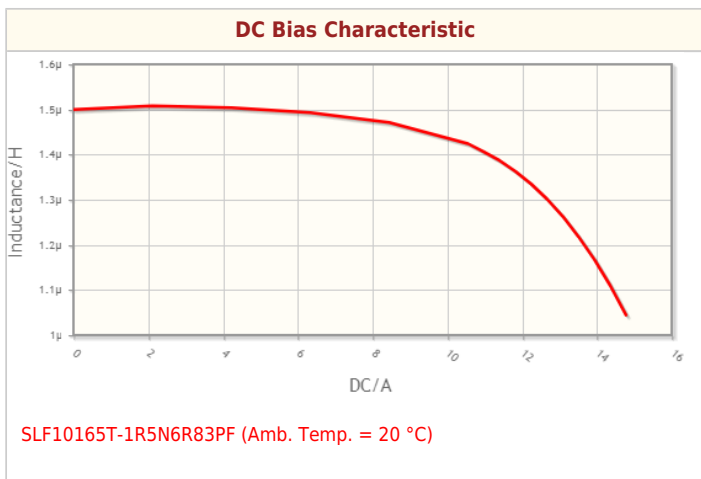
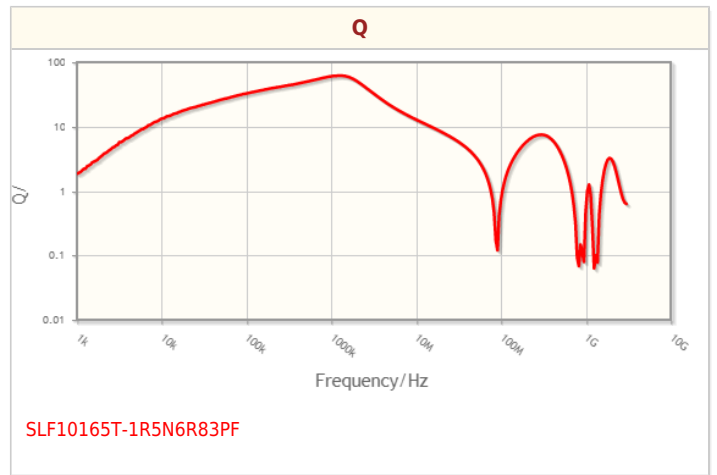
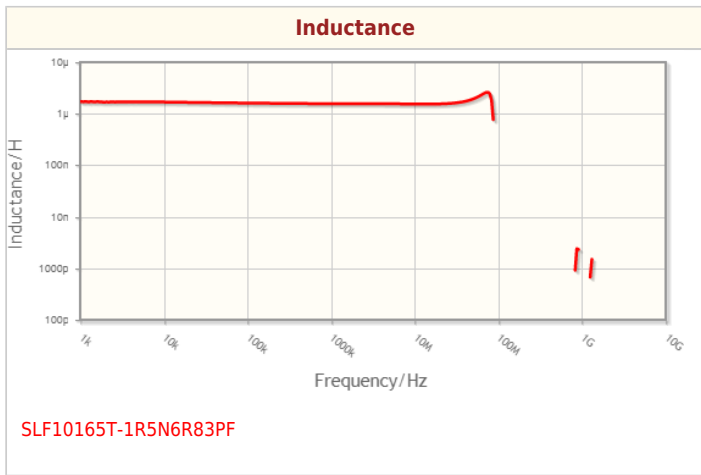
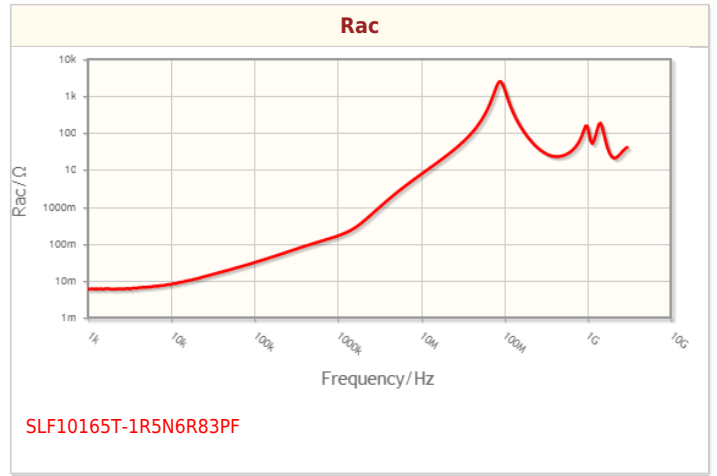
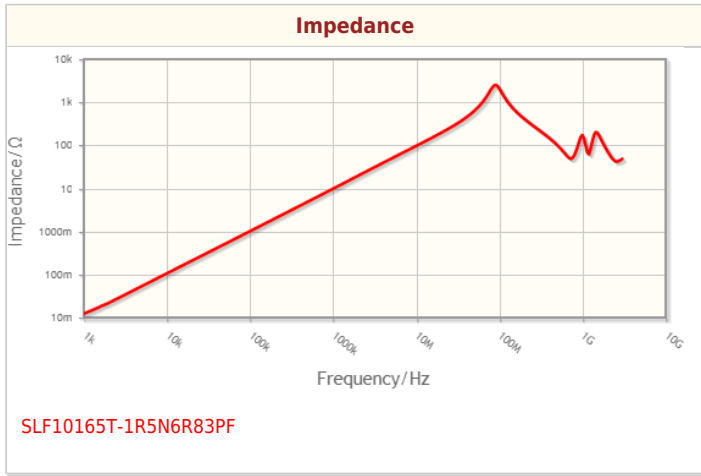
| Size                         |                 |
|------------------------------|-----------------|
| Length(L)                    | 10.10mm ±0.30mm |
| Width(W)                     | 10.10mm ±0.30mm |
| Thickness   Height           | 6.50mm ±0.30mm  |
| Recommended Land Pattern (A) | 2.50mm Nom.     |
| Recommended Land Pattern (B) | 5.60mm Nom.     |
| Recommended Land Pattern (C) | 3.20mm Nom.     |

| Electrical Characteristics              |                      |
|---|----------------------|
| Inductance                              | 1.5µH ±30% at 100kHz |
| Rated Current (L Change) [Typ.]         |                      |
| Rated Current (L Change) [Max.]         | 10.7A (10% Down)     |
| Rated Current (Temperature Rise) [Typ.] | 6.8A (30°C Rise)     |
| Rated Current (Temperature Rise) [Max.] |                      |
| DC Resistance [Typ.]                    | 6.7mΩ                |
| DC Resistance [Max.]                    | 8.71mΩ               |
| 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<br>Iron Soldering              |
| AEC-Q200  | NO                                    |
| Packing   | Embossed (Plastic)Taping [330mm Reel] |
| Package Quantity                                  | 500pcs                                |
| Weight  | 1.9g                                  |

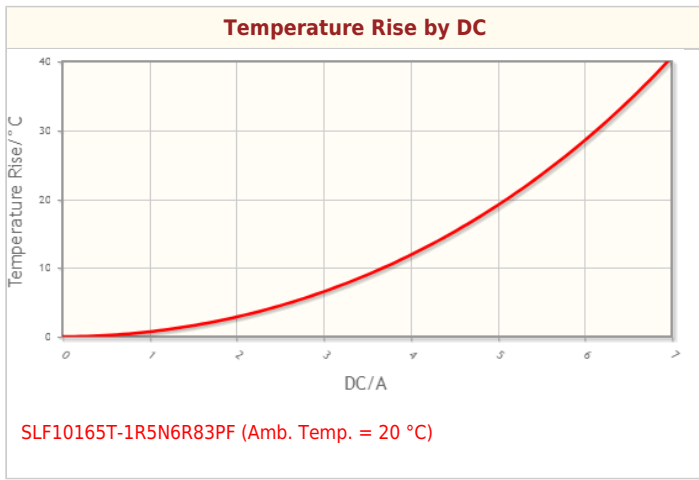
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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