

CLF6045T-3R3N-D



| | |
|----------------------|------------------|
| Applications | Automotive Grade |
| Feature | Magnetic Shield |
| | Wire Wound |
| | Ferrite Core |
| | AEC-Q200 |
| Series Type | CLF-D |
| Status | Production |
| Brand | TDK |



| Size | |
|------------------------------|----------------|
| Length(L) | 6.20mm ±0.20mm |
| Width(W) | 5.90mm ±0.20mm |
| Thickness Height | 4.50mm ±0.30mm |
| Recommended Land Pattern (A) | 1.70mm Nom. |
| Recommended Land Pattern (B) | 3.60mm Nom. |
| Recommended Land Pattern (C) | 2.20mm Nom. |

| Electrical Characteristics | |
|---|----------------------|
| Inductance | 3.3μH ±30% at 100kHz |
| Rated Current (L Change) [Typ.] | 3.1A (10% Down) |
| Rated Current (L Change) [Max.] | |
| Rated Current (Temperature Rise) [Typ.] | 3.5A (30°C Rise) |
| Rated Current (Temperature Rise) [Max.] | |
| DC Resistance [Typ.] | 19mΩ |
| DC Resistance [Max.] | 24.7mΩ |
| Self Resonant Frequency [Min.] | |
| Self Resonant Frequency [Typ.] | |
| Q [Min.] | |
| Q [Typ.] | |

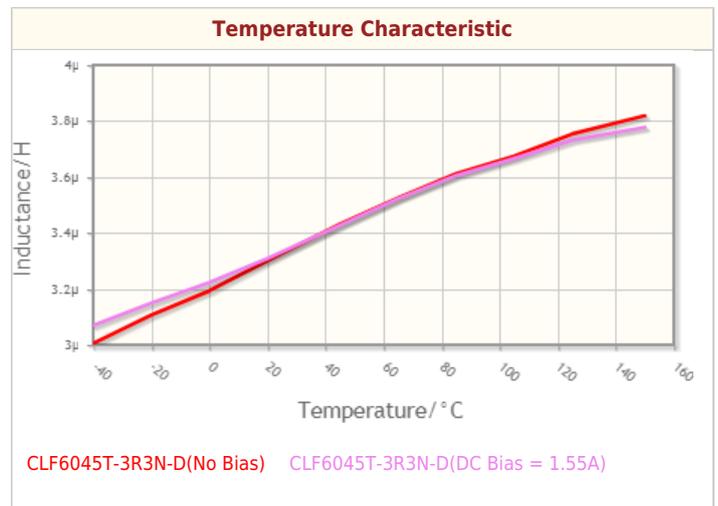
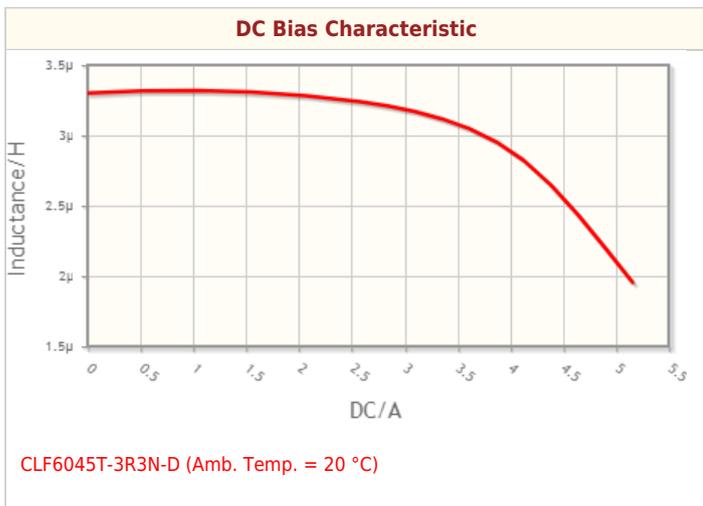
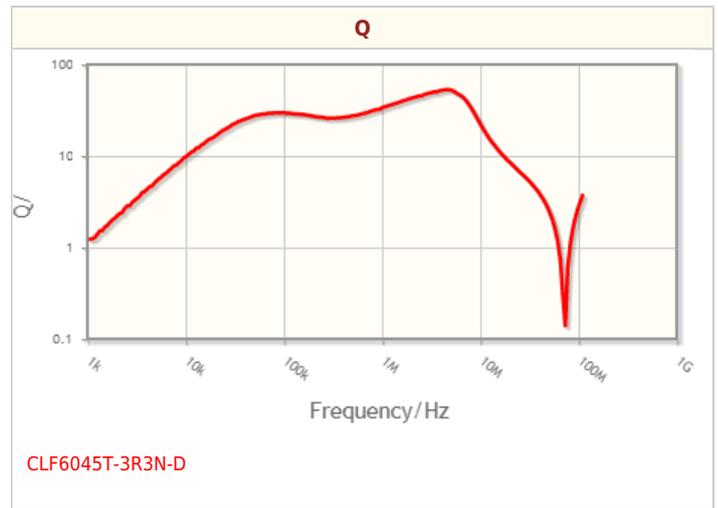
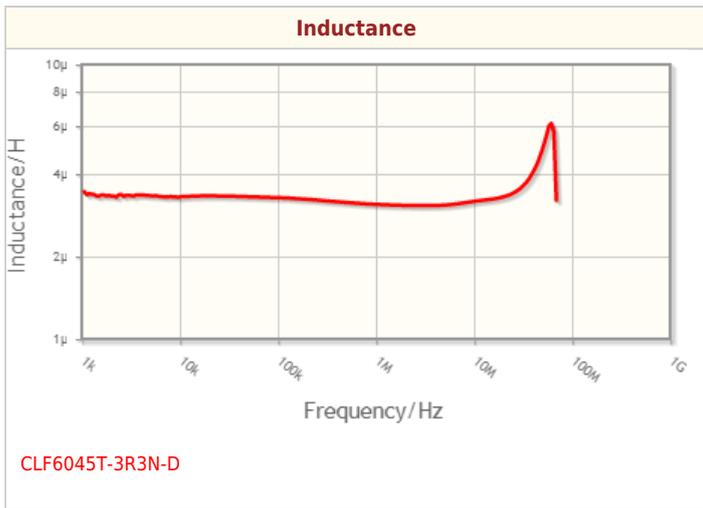
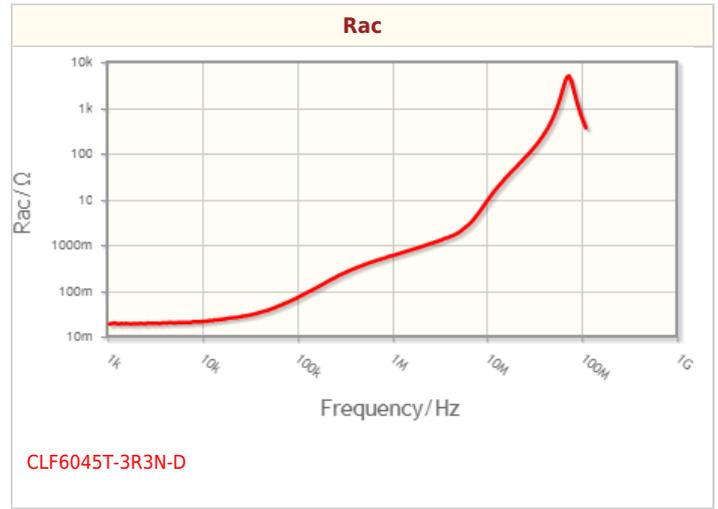
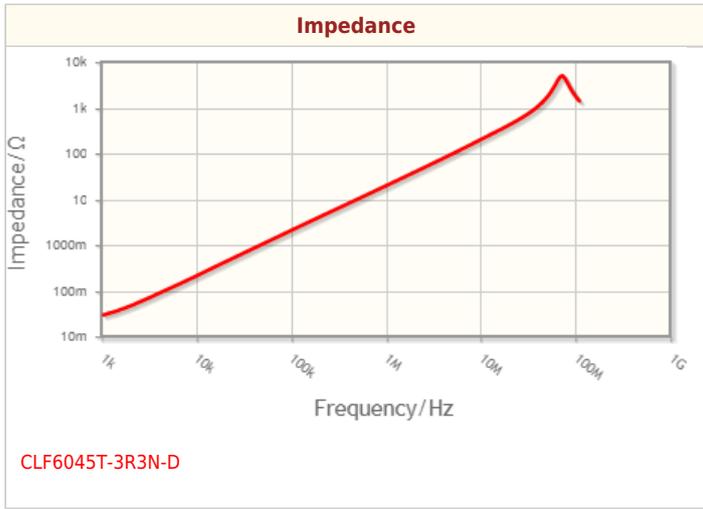
| Other | |
|---|--------------------------------------|
| Operating Temp. Range (Including Self-Temp. Rise) | -40 to 150°C |
| Soldering Method | Reflow |
| | Iron Soldering |
| AEC-Q200 | Yes |
| Packing | Blister (Plastic)Taping [330mm Reel] |
| Package Quantity | 1000pcs |

Weight are for reference only and show exemplary products.
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! All specifications are subject to change without notice.

0.6g



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

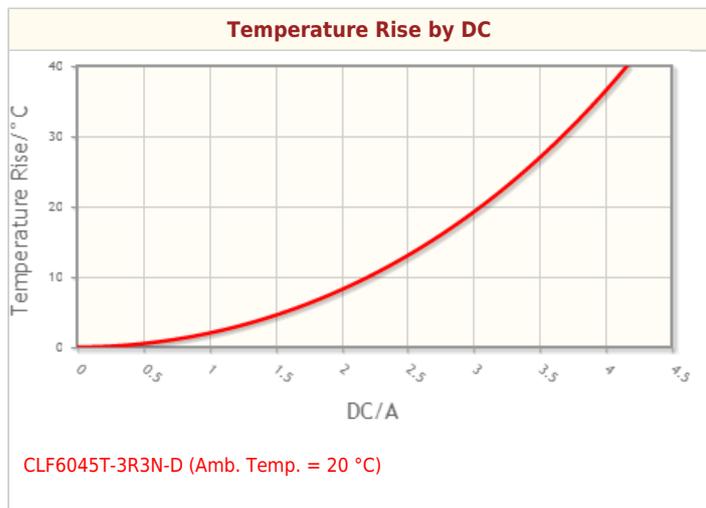


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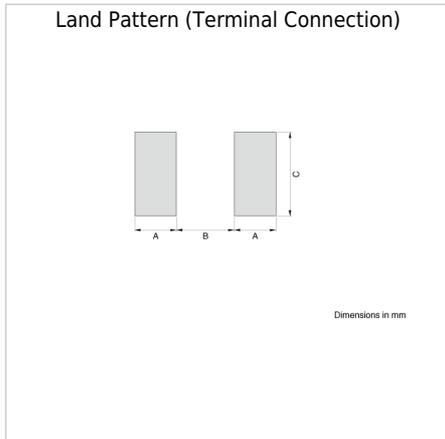
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Associated Images



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