




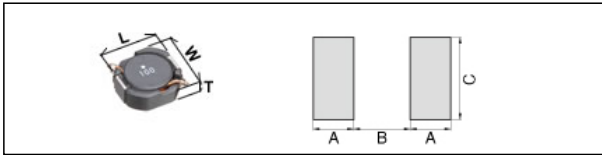


CLF12555T-221M-CA

| | | |
|--------------|---|------------------|
| Applications |  | Automotive Grade |
| Feature |  | Wire Wound |
| |  | Magnetic Shield |
| |  | Ferrite Core |
| |  | AEC-Q200 |
| Series | CLF-CA Series / CLF12555-CA Type | |
| Status | Production | |



| Size | |
|------------------------------|-----------------------|
| Length(L) | 12.50mm +/-0.30mm |
| Width(W) | 12.10mm +0.30/-0.20mm |
| Thickness(T) | 5.50mm +/-0.35mm |
| Recommended Land Pattern (A) | 2.70mm Nom. |
| Recommended Land Pattern (B) | 8.30mm Nom. |
| Recommended Land Pattern (C) | 3.20mm Nom. |

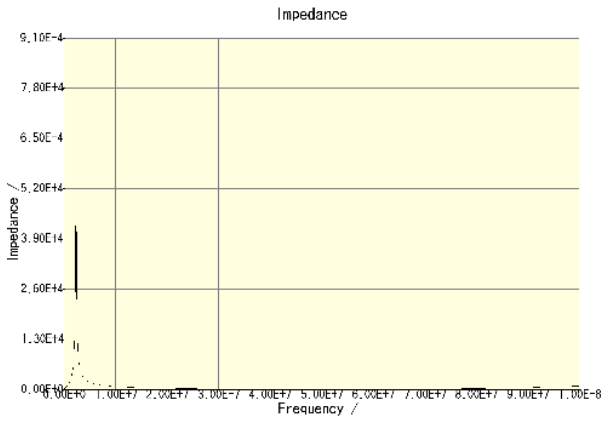
| Electrical Characteristics | |
|---|------------------------|
| Inductance | 220uH +/-20% at 100kHz |
| Rated Current (L Change) [Typ.] | 1.5A (10% Down) |
| Rated Current (Temperature Rise) [Typ.] | 900mA (30degC Rise) |
| DC Resistance [Nom.] | 370mΩ |
| DC Resistance [Max.] | 444mΩ |

| Other | |
|---|--------------------------------------|
| Operating Temp. Range (Including Self-Temp. Rise) | -40 to 105degC |
| Soldering Method | Reflow, Iron Soldering |
| AEC Q200 | Yes |
| Packing | Blister (Plastic)Taping [330mm Reel] |
| Package Quantity | 500Pcs Min. |
| Weight | 3g |

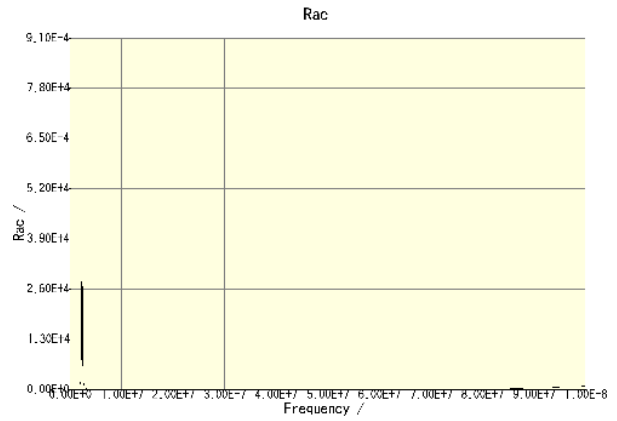
•This PDF document was created based on the data listed on the TDK Corporation website.
 •All specifications are subject to change without notice.

CLF12555T-221M-CA

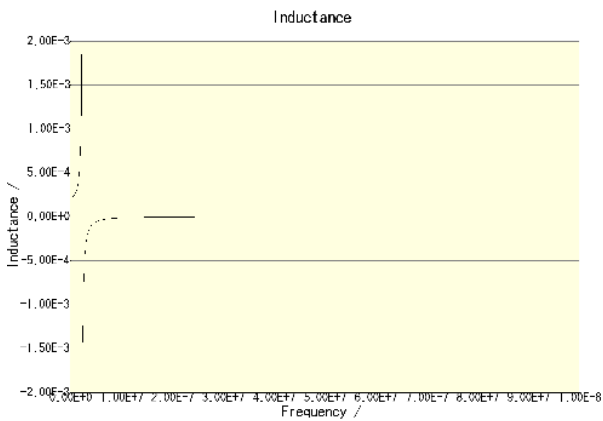
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



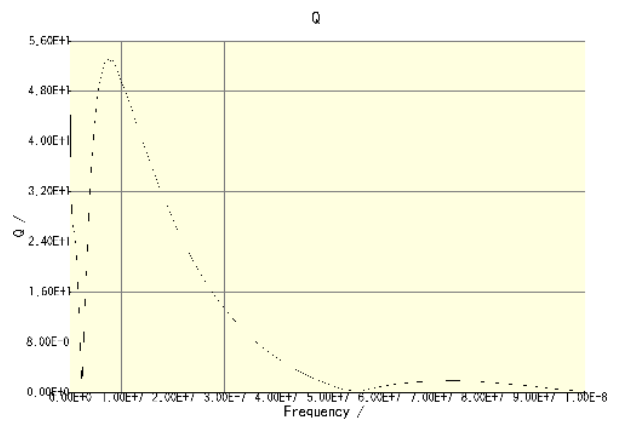
CLF12555T-221M-CA



CLF12555T-221M-CA



CLF12555T-221M-CA

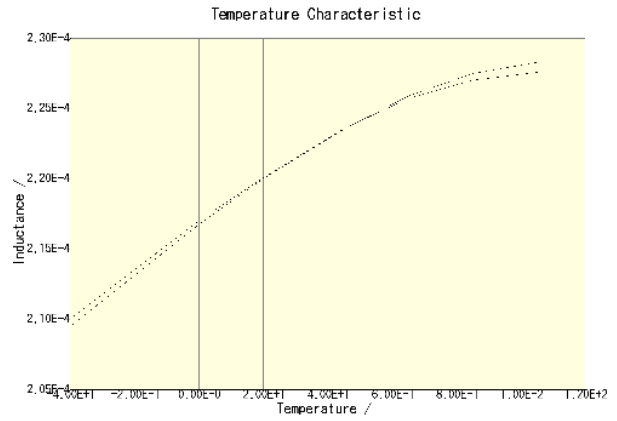
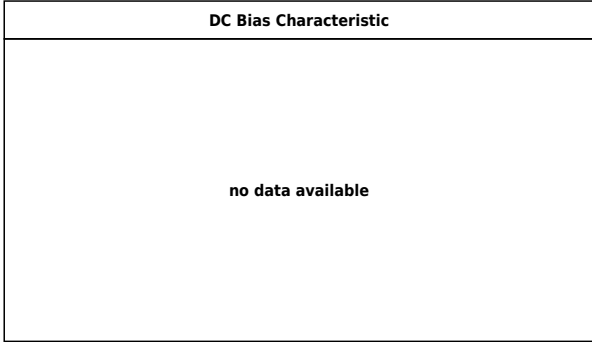


CLF12555T-221M-CA

•This PDF document was created based on the data listed on the TDK Corporation website.
 •All specifications are subject to change without notice.

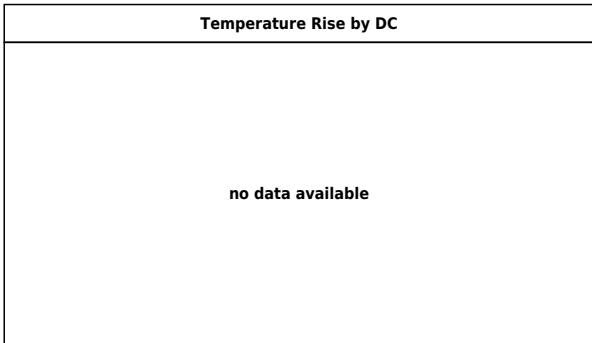
CLF12555T-221M-CA

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



CLF12555T-221M-CA(DC = 0A)

CLF12555T-221M-CA(DC = 0.45A)



- This PDF document was created based on the data listed on the TDK Corporation website.
- All specifications are subject to change without notice.