




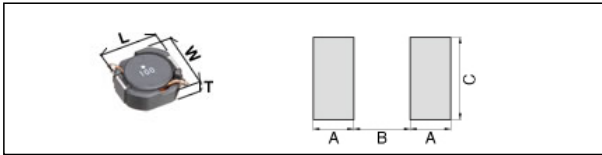


CLF12555T-220M-CA

| | |
|--------------|--|
| 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. |

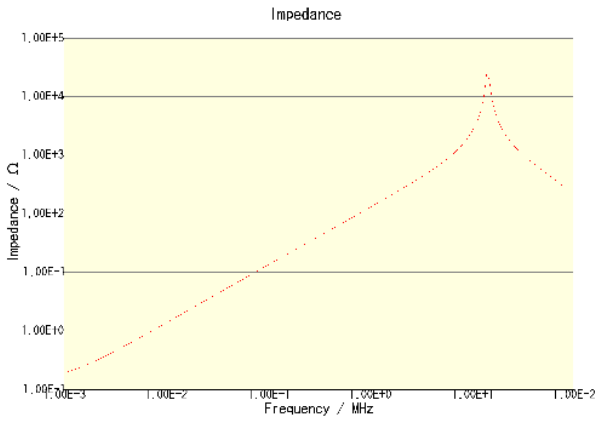
| Electrical Characteristics | |
|---|-----------------------|
| Inductance | 22uH +/-20% at 100kHz |
| Rated Current (L Change) [Typ.] | 4.8A (10% Down) |
| Rated Current (Temperature Rise) [Typ.] | 2.8A (30degC Rise) |
| DC Resistance [Nom.] | 43mΩ |
| DC Resistance [Max.] | 51.6mΩ |

| 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 |

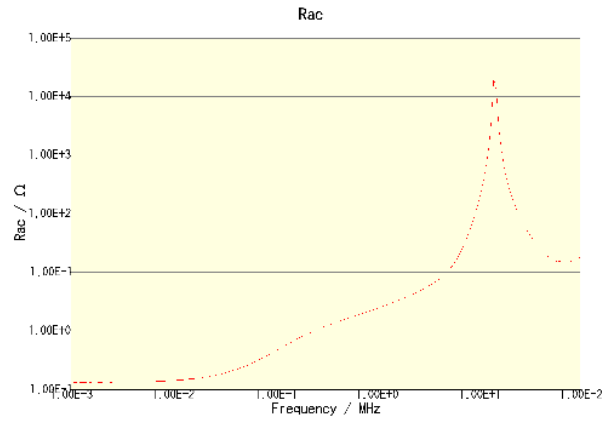
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 •All specifications are subject to change without notice.

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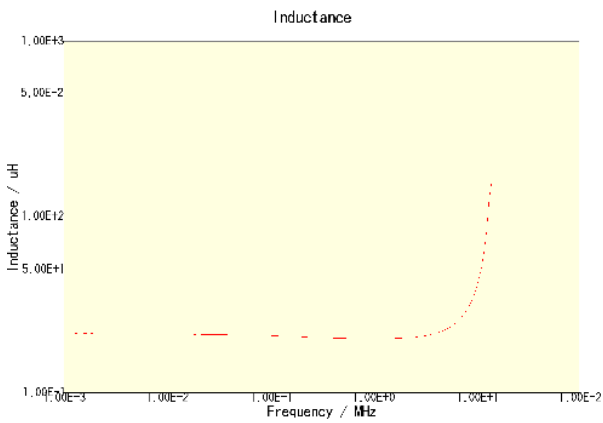
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



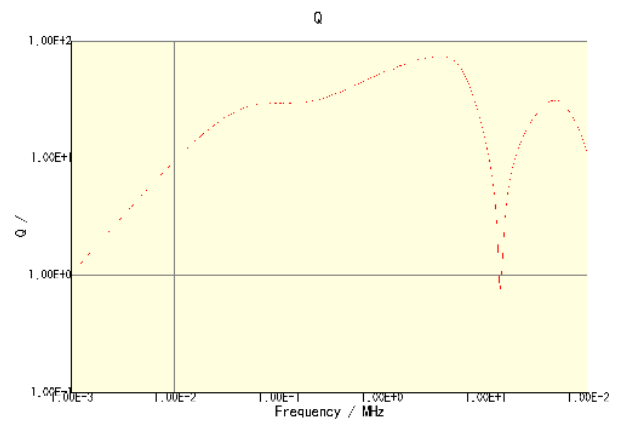
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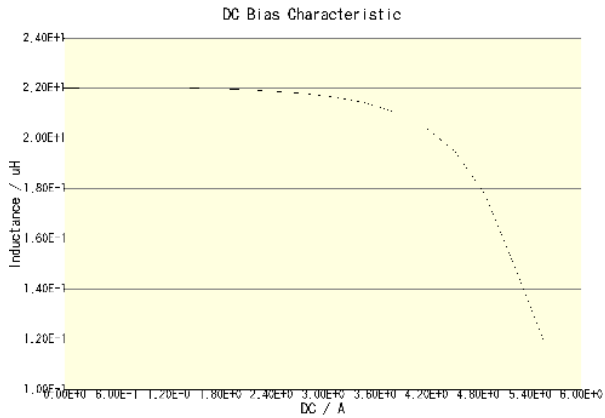


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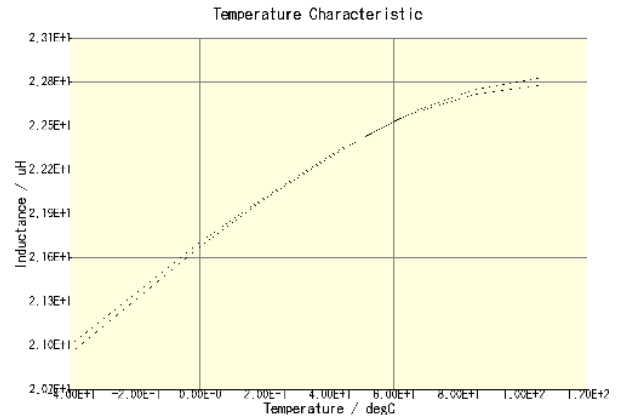
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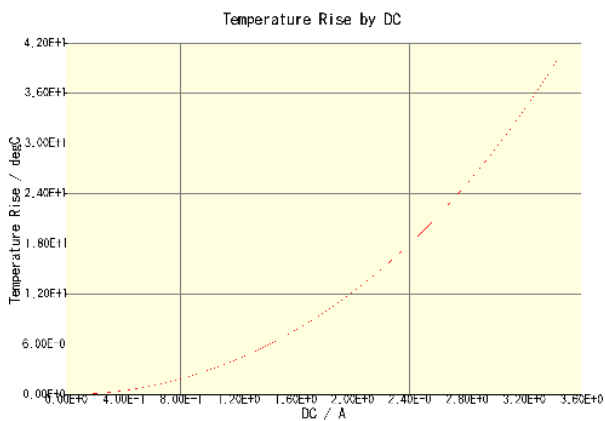


CLF12555T-220M-CA(Amb. Temp. = 20degc)



CLF12555T-220M-CA(DC = 0A)

CLF12555T-220M-CA(DC = 1.4A)



CLF12555T-220M-CA(Amb. Temp. = 20degc)

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