






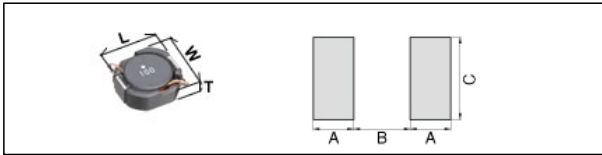


**THE DATASHEET OF
CLF6045T-221M-CA**



CLF6045T-221M-CA

| | | |
|--------------|---|------------------|
| Applications |  | Automotive Grade |
| Feature |  | Wire Wound |
| |  | Magnetic Shield |
| |  | Ferrite Core |
| |  | AEC-Q200 |
| Series | CLF-CA Series / CLF6045-CA Type | |
| Status | PROD | |



| Size | |
|------------------------------|------------------|
| Length(L) | 6.20mm +/-0.20mm |
| Width(W) | 5.90mm +/-0.20mm |
| Thickness(T) | 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. |

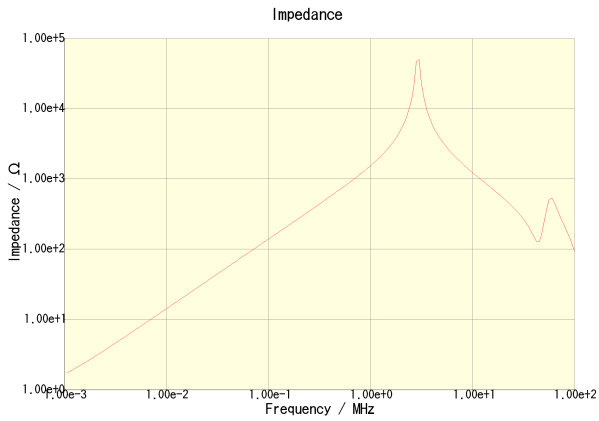
| Electrical Characteristics | |
|---|------------------------|
| Inductance | 220uH +/-20% at 100kHz |
| Rated Current (L Change) [Typ.] | 410mA (10% Down) |
| Rated Current (Temperature Rise) [Typ.] | 500mA (30degC Rise) |
| DC Resistance [Nom.] | 780mΩ |
| DC Resistance [Max.] | 936mΩ |

| 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 | 1000Pcs Min. |
| Weight | 0.6g |

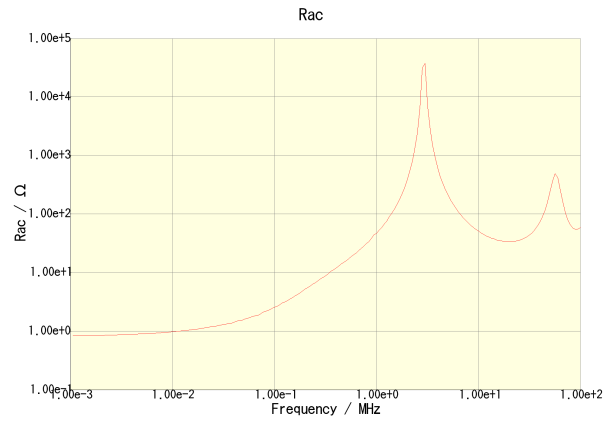
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 •All specifications are subject to change without notice.

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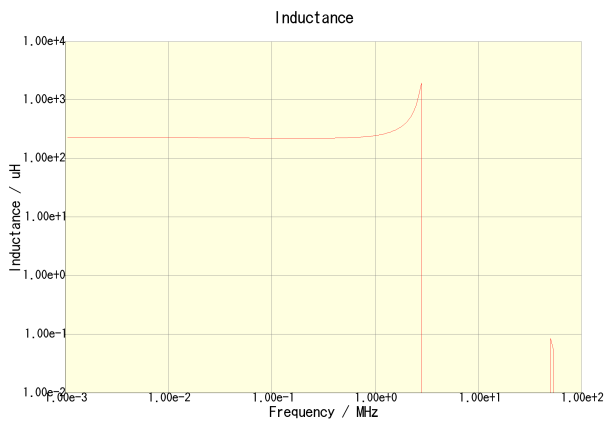
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



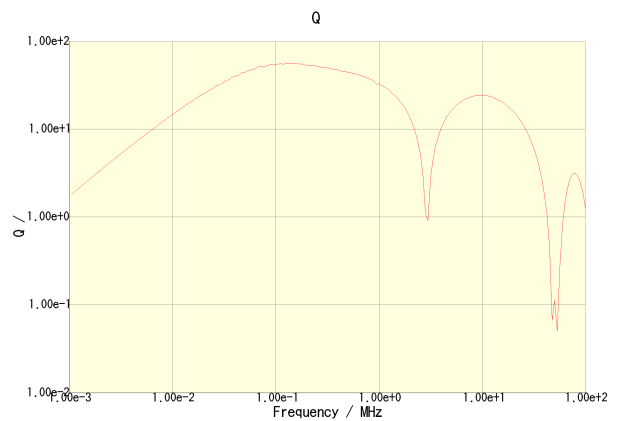
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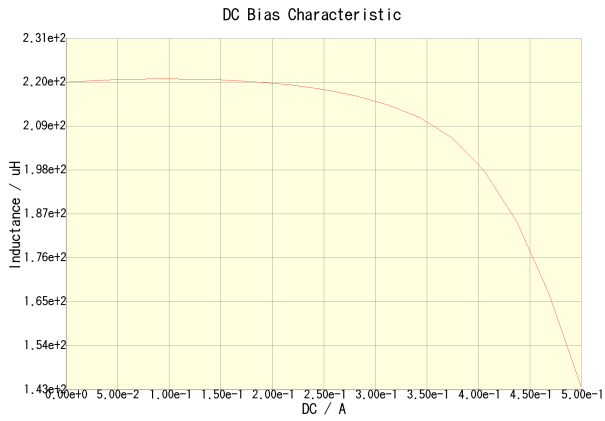


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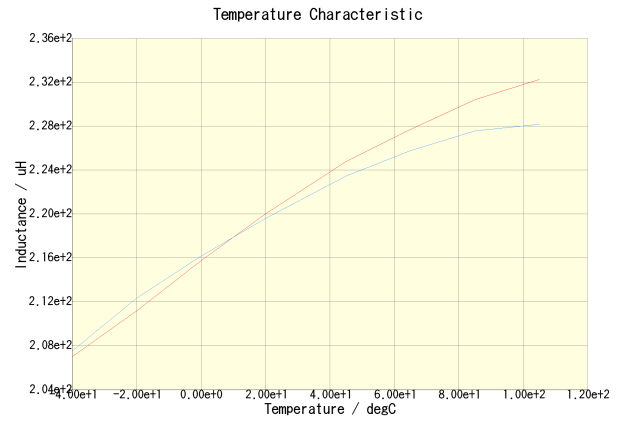
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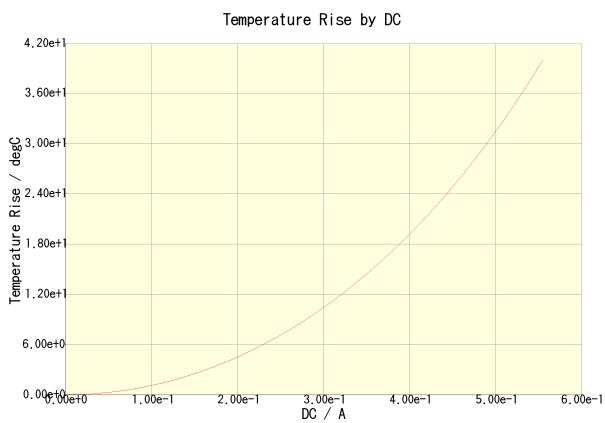


CLF6045T-221M-CA(Amb. Temp. = 20degc)



CLF6045T-221M-CA(DC = 0A)

CLF6045T-221M-CA(DC = 0.205A)





CLF6045T-221M-CA(Amb. Temp. = 20degc)

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