



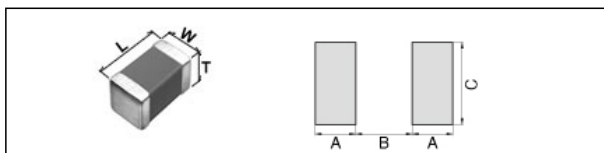


MLF1608D68NMTA00

| | | |
|--------------|---|------------------|
| Applications |  | Commercial Grade |
| Feature |  | Multilayer |
| |  | Magnetic Shield |
| |  | Ferrite Core |
| Series | MLF Series / MLF1608 Type | |
| Status | Production | |



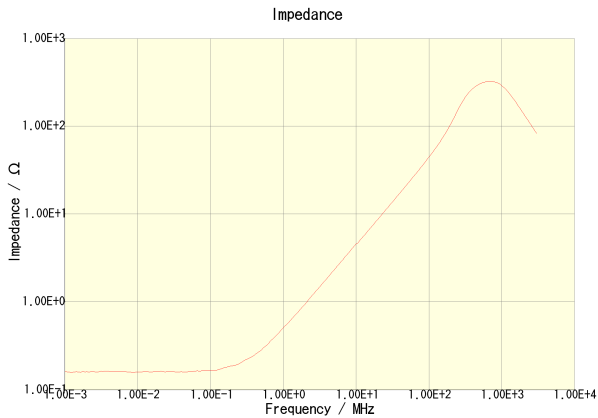
| Size | |
|------------------------------|------------------|
| Length(L) | 1.60mm +/-0.15mm |
| Width(W) | 0.80mm +/-0.15mm |
| Thickness(T) | 0.80mm +/-0.15mm |
| Recommended Land Pattern (A) | 0.60mm Nom. |
| Recommended Land Pattern (B) | 0.80mm Nom. |
| Recommended Land Pattern (C) | 0.80mm Nom. |

| Electrical Characteristics | |
|--------------------------------|----------------------|
| Inductance | 68nH +/-20% at 50MHz |
| Rated Current | 200mA |
| Self-Resonant Frequency [Min.] | 550MHz |
| Self-Resonant Frequency [Typ.] | 700MHz |
| Q [Min.] | 10 at 50MHz |
| Q [Typ.] | 20 at 50MHz |
| DC Resistance [Nom.] | 150mΩ |
| DC Resistance [Max.] | 300mΩ |

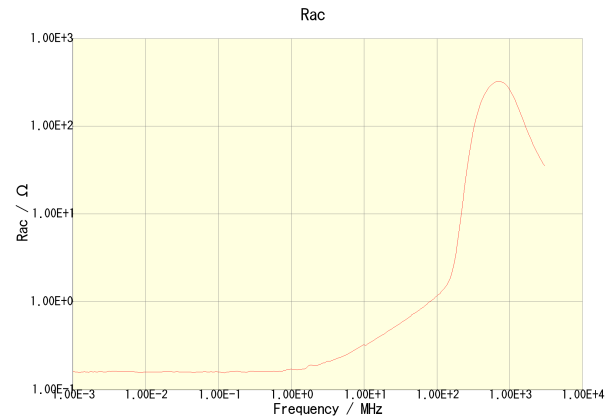
| Other | |
|---|------------------------------------|
| Operating Temp. Range (Including Self-Temp. Rise) | -55 to 125degC |
| Soldering Method | Reflow, Iron Soldering |
| AEC Q200 | No |
| Packing | Punched (Paper)Taping [180mm Reel] |
| Package Quantity | 4000Pcs Min. |
| Weight | 0.004g |

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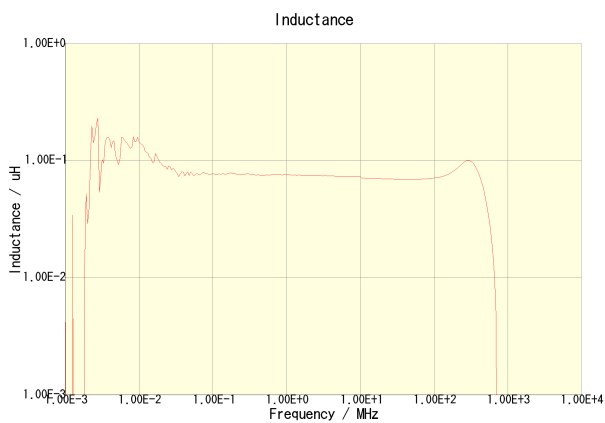
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



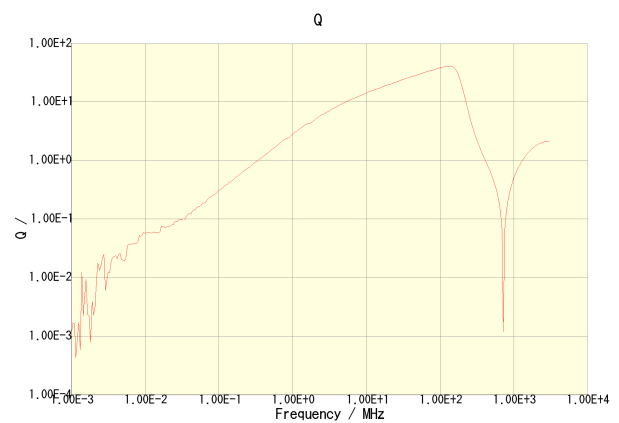
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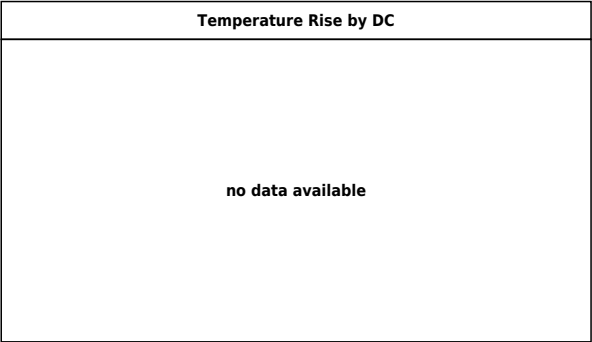
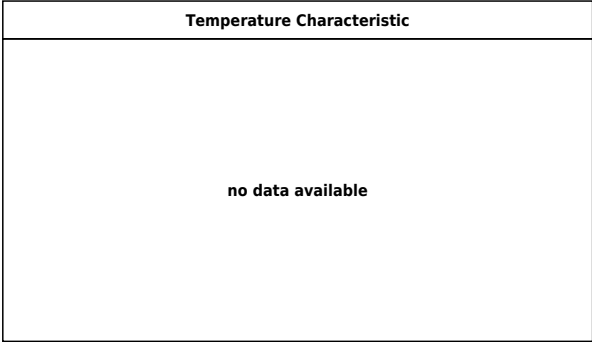
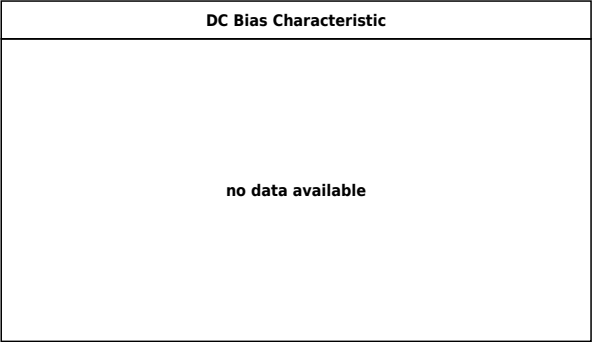
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•This PDF document was created based on the data listed on the TDK Corporation website.
•All specifications are subject to change without notice.