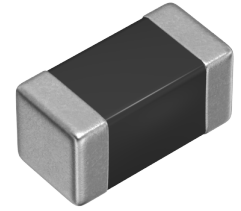


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|                      |   |
|----------------------|---|
| <b>Applications</b>  | Commercial Grade  |
| <b>Feature</b>       | <span style="border: 1px solid green; padding: 2px;">Shield</span> Magnetic Shield<br><span style="border: 1px solid red; padding: 2px;">Multilayer</span> Multilayer<br><span style="border: 1px solid gray; padding: 2px;">Ferrite Core</span> Ferrite Core |
| <b>Series   Type</b> | MLF   |
| <b>Status</b>        | Production  |
| <b>Brand</b>         | TDK   |



| Size                         |                |
|------------------------------|----------------|
| Length(L)                    | 1.60mm ±0.15mm |
| Width(W)                     | 0.80mm ±0.15mm |
| Thickness   Height           | 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                              | 1µH ±10% at 10MHz |
| Rated Current (L Change) [Typ.]         |                   |
| Rated Current (L Change) [Max.]         |                   |
| Rated Current (Temperature Rise) [Typ.] |                   |
| Rated Current (Temperature Rise) [Max.] | 50mA              |
| DC Resistance [Typ.]                    | 250mΩ             |
| DC Resistance [Max.]                    | 500mΩ             |
| Self Resonant Frequency [Min.]          | 120MHz            |
| Self Resonant Frequency [Typ.]          | 170MHz            |
| Q [Min.]                                | 35                |
| Q [Typ.]                                | 50                |

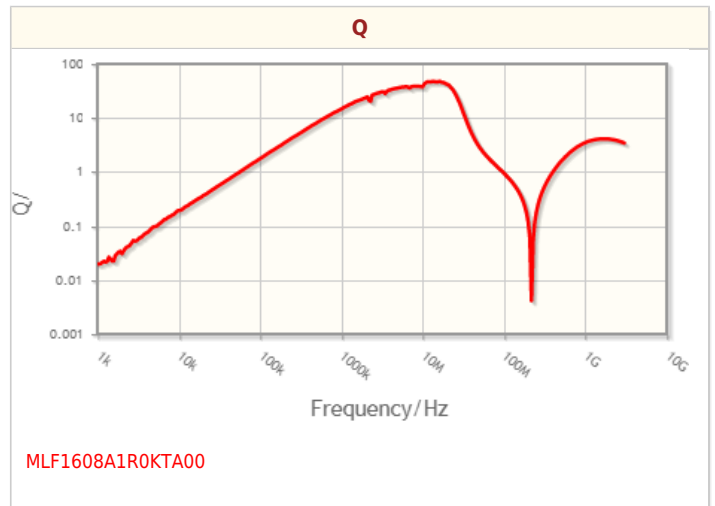
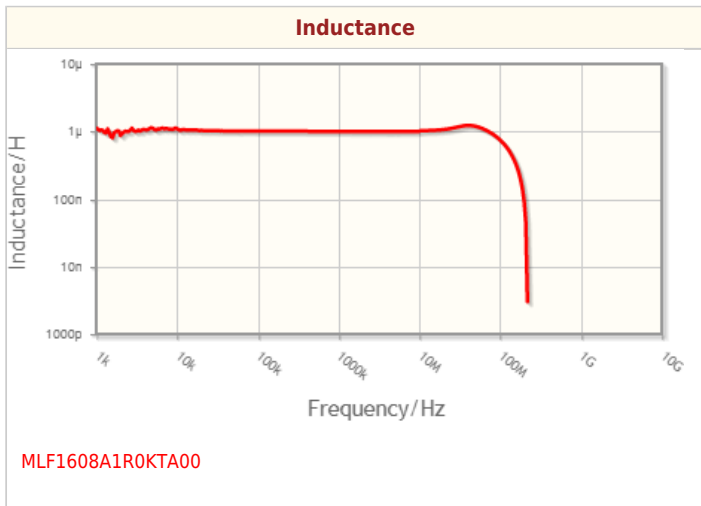
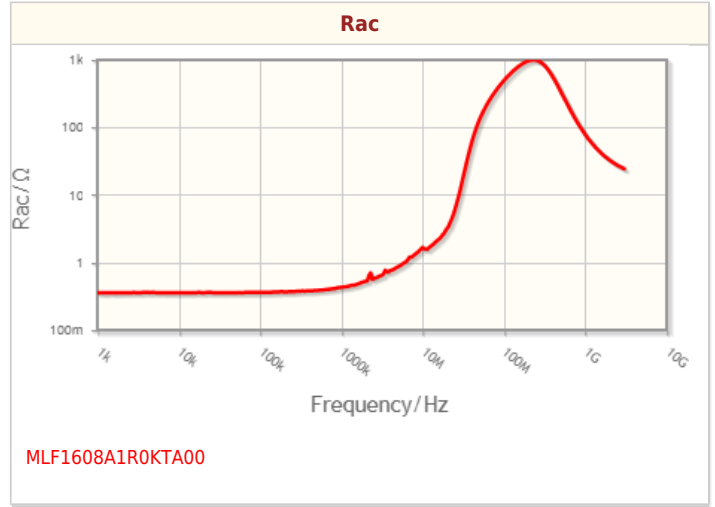
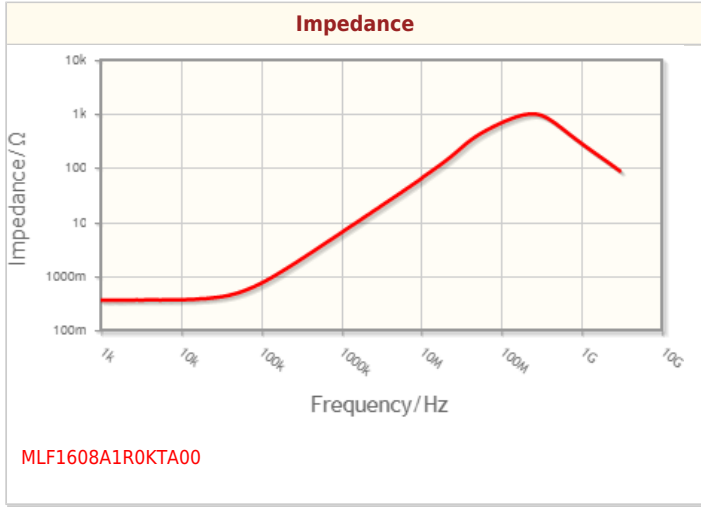
| Other   |                                    |
|---|------------------------------------|
| Operating Temp. Range (Including Self-Temp. Rise) | -55 to 125°C                       |
| Soldering Method                                  | Reflow<br>Iron Soldering           |
| AEC-Q200  | No                                 |
| Packing   | Punched (Paper)Taping [180mm Reel] |
| Package Quantity                                  | 4000pcs                            |
| Weight  | 0.004g                             |

! Images are for reference only and show exemplary products.  
 ! This PDF document was created based on the data listed on the TDK Corporation website.  
 ! All specifications are subject to change without notice.

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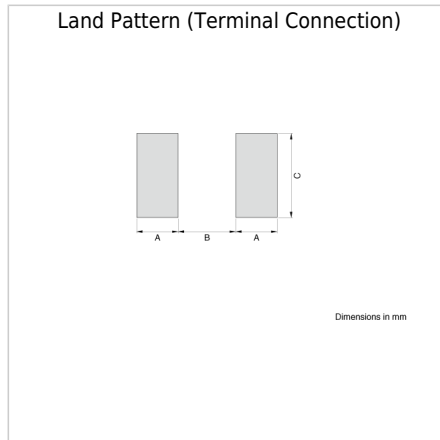
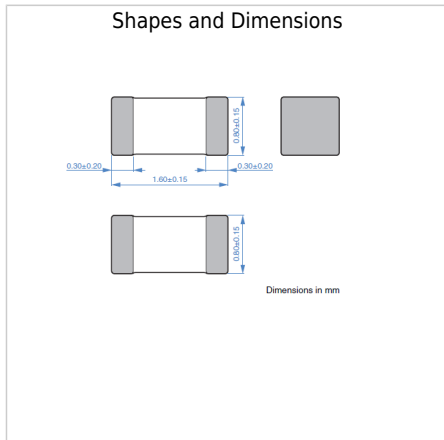
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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## Associated Images



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