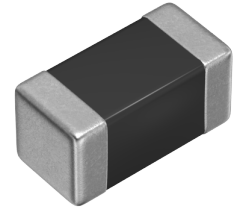


|                      |                  |
|----------------------|------------------|
| <b>Applications</b>  | Commercial Grade |
| <b>Feature</b>       | No Directivity   |
|                      | Multilayer       |
|                      | Magnetic Shield  |
|                      | Ferrite Core     |
| <b>Series   Type</b> | MLF              |
| <b>Status</b>        | Production       |
| <b>Brand</b>         | TDK              |



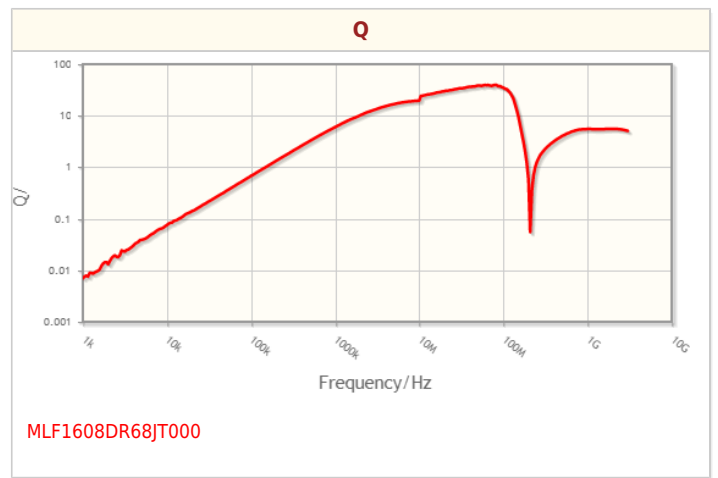
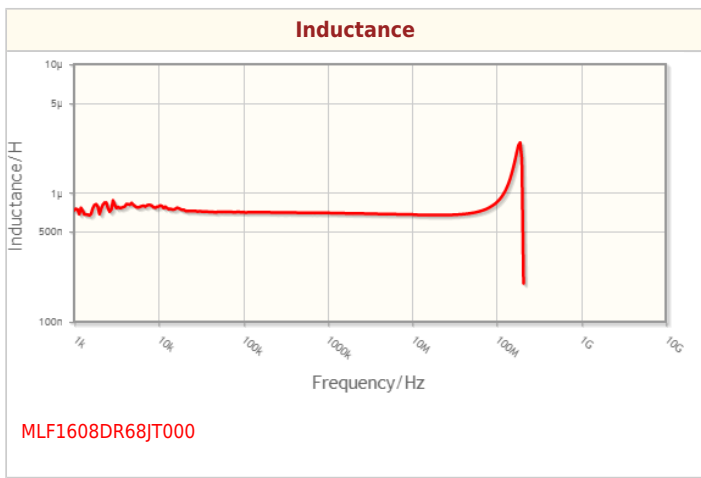
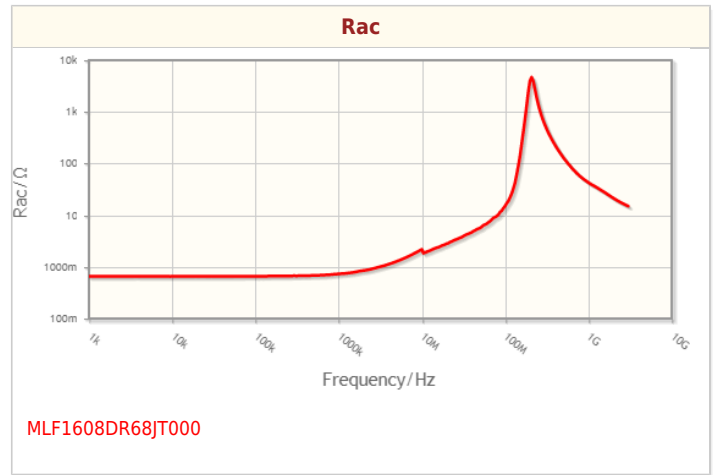
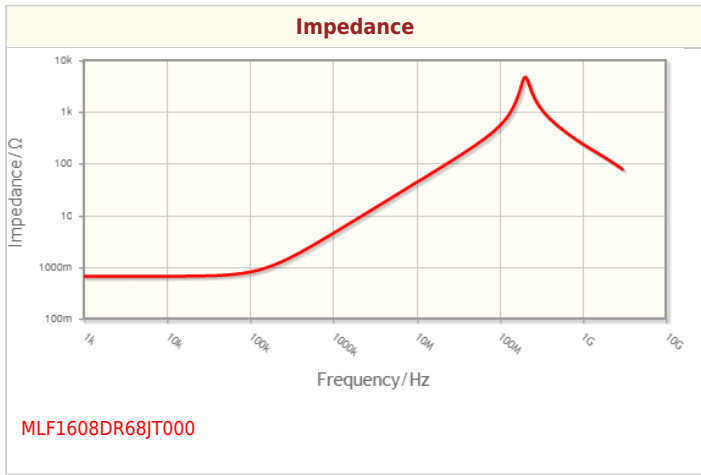
| Size                         |                |
|------------------------------|----------------|
| Length(L)                    | 1.60mm ±0.15mm |
| Width(W)                     | 0.80mm ±0.15mm |
| Thickness   Height           | 0.80mm ±0.15mm |
| Recommended Land Pattern (A) | 0.60mm Nom.    |
|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

| Electrical Characteristics              |                    |
|---|--------------------|
| Inductance                              | 680nH ±5% at 25MHz |
| Rated Current (L Change) [Typ.]         |                    |
| Rated Current (L Change) [Max.]         | 70mA               |
| Rated Current (Temperature Rise) [Typ.] |                    |
| Rated Current (Temperature Rise) [Max.] |                    |
| DC Resistance [Typ.]                    | 650mΩ              |
| DC Resistance [Max.]                    | 1.25Ω              |
| Self Resonant Frequency [Min.]          | 150MHz             |
| Self Resonant Frequency [Typ.]          | 210MHz             |
| Q [Min.]                                | 15 at 25MHz        |
| Q [Typ.]                                | 30 at 25MHz        |

| Other   |                                    |
|---|------------------------------------|
| Operating Temp. Range (Including Self-Temp. Rise) | -55 to 125°C                       |
| Soldering Method                                  | Reflow                             |
|   | 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.

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



! 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.

## Associated Images

