

Applications Commercial Grade

Feature Multilayer

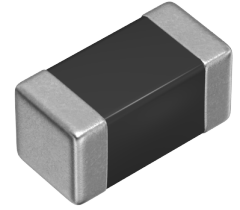
Magnetic Shield

Ferrite Core

Series | Type MLF

Status Production

Brand 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 | 3.3µH ±5% at 10MHz |
| Rated Current (L Change) [Typ.] | |
| Rated Current (L Change) [Max.] | 30mA |
| Rated Current (Temperature Rise) [Typ.] | |
| Rated Current (Temperature Rise) [Max.] | |
| DC Resistance [Typ.] | 550mΩ |
| DC Resistance [Max.] | 1.3Ω |
| Self Resonant Frequency [Min.] | 65MHz |
| Self Resonant Frequency [Typ.] | 100MHz |
| Q [Min.] | 35 at 10MHz |
| Q [Typ.] | 60 at 10MHz |

Other

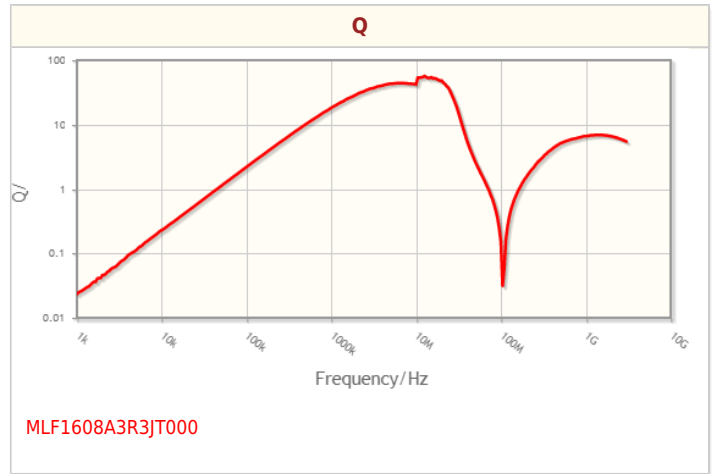
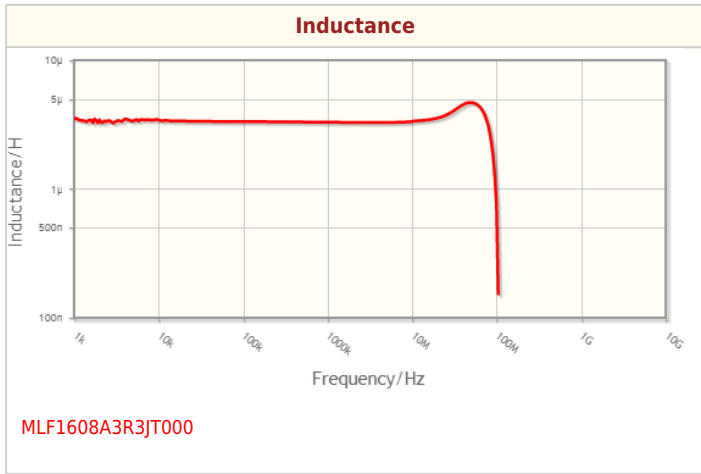
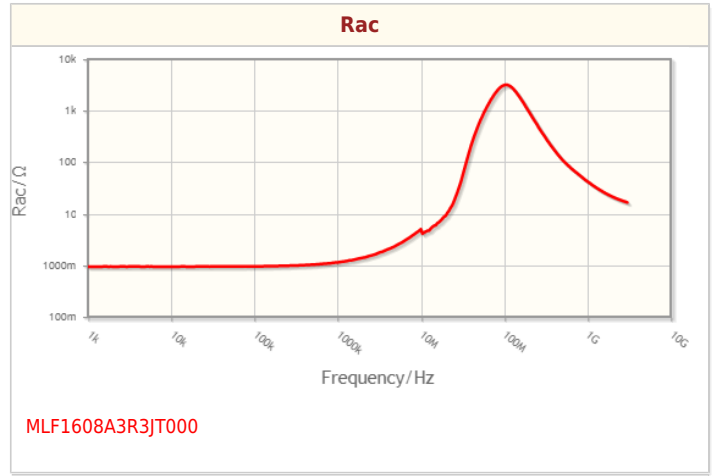
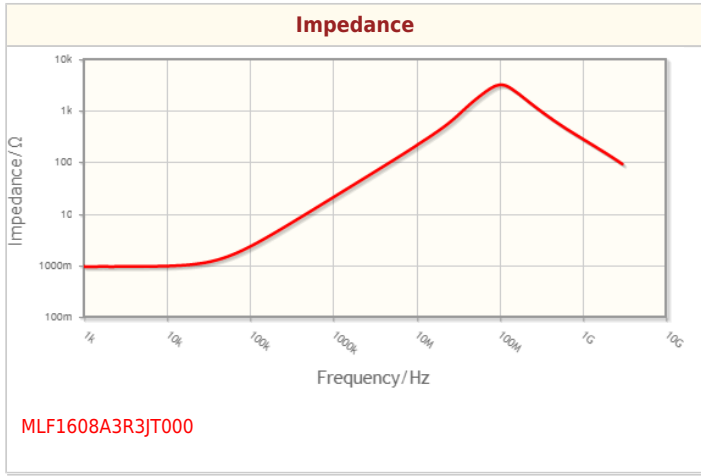
| | |
|---|------------------------------------|
| Operating Temp. Range (Including Self-Temp. Rise) | -55 to 125°C |
| Soldering Method | Reflow |
| | Iron Soldering |
| AEC-Q200 | NO |
| Packing | Punched (Paper)Taping [180mm Reel] |
| Package Quantity | 4000pcs |
| Weight | 0.004g |

! 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

