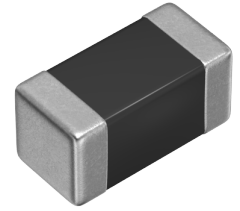


|                      |                  |
|----------------------|------------------|
| <b>Applications</b>  | Automotive Grade |
| <b>Feature</b>       | AEC-Q200         |
|                      | Multilayer       |
|                      | Magnetic Shield  |
|                      | Ferrite Core     |
| <b>Series   Type</b> | MLF              |
| <b>Status</b>        | Production       |
| <b>Brand</b>         | TDK              |



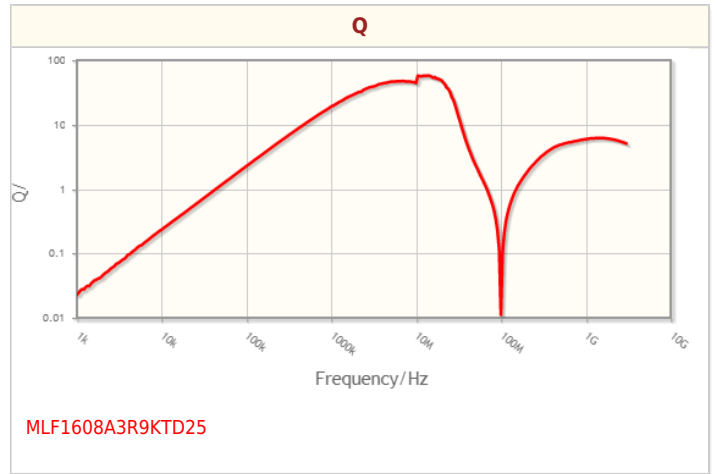
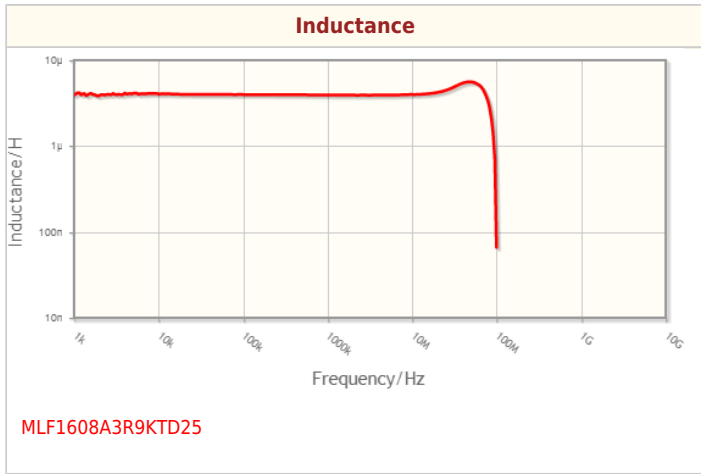
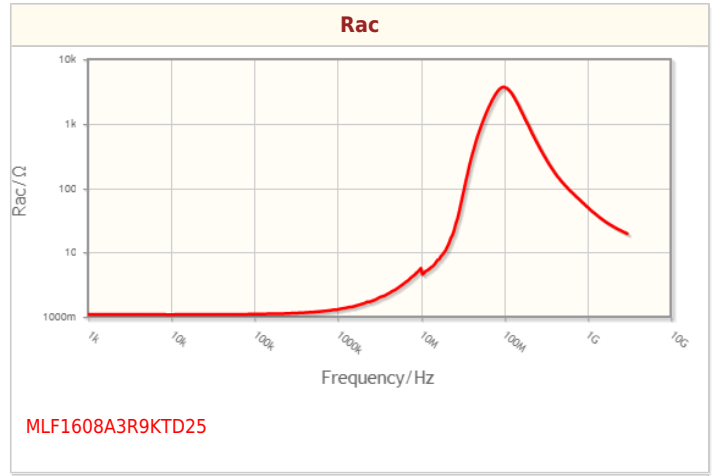
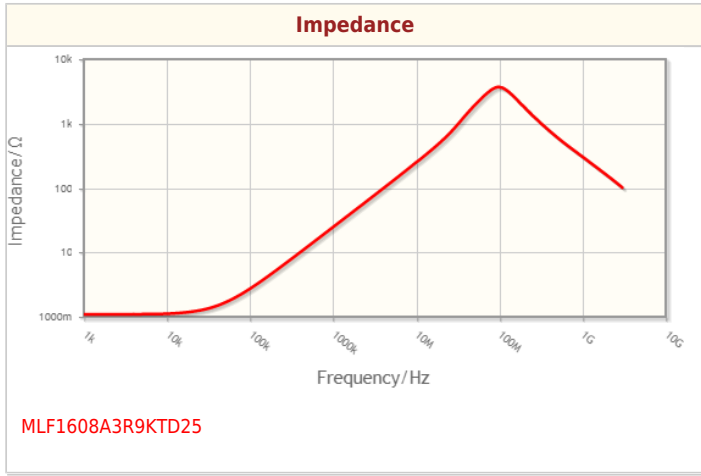
| Size                         |                |
|------------------------------|----------------|
| Length(L)                    | 1.60mm ±0.15mm |
| Width(W)                     | 0.80mm ±0.15mm |
| Thickness   Height           | 0.80mm ±0.15mm |
| Recommended Land Pattern (A) | 0.60mm Nom.    |
|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

| Electrical Characteristics              |                     |
|---|---------------------|
| Inductance                              | 3.9µH ±10% 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.]                    | 650mΩ               |
| DC Resistance [Max.]                    | 1.45Ω               |
| Self Resonant Frequency [Min.]          | 60MHz               |
| Self Resonant Frequency [Typ.]          | 90MHz               |
| 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  | YES                                |
| 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.)



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## Associated Images

