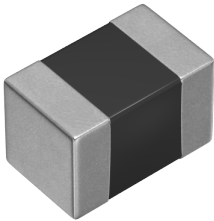


|                          |   |
|--------------------------|---|
| Product Status           | Production  |
| Applications             | Automotive Grade  |
| Feature                  | AEC-Q200AEC-Q200  |
|                          | No DirectivityNo Directivity  |
|                          | MultilayerMultilayer  |
|                          | ShieldMagnetic Shield   |
|                          | Ferrite CoreFerrite Core  |
| Series   Type            | MLF   |
| Brand                    | TDK   |
| Environmental Compliance | <div><div>RoHS</div><div>REACH</div><div>Halogen Free</div><div>Lead Free</div></div> |



| Size                         |                |
|------------------------------|----------------|
| Length(L)                    | 2.00mm ±0.20mm |
| Width(W)                     | 1.25mm ±0.20mm |
| Thickness   Height           | 1.25mm ±0.20mm |
| Recommended Land Pattern (A) | 0.80mm Nom.    |
| Recommended Land Pattern (B) | 1.00mm Nom.    |
| Recommended Land Pattern (C) | 1.20mm Nom.    |

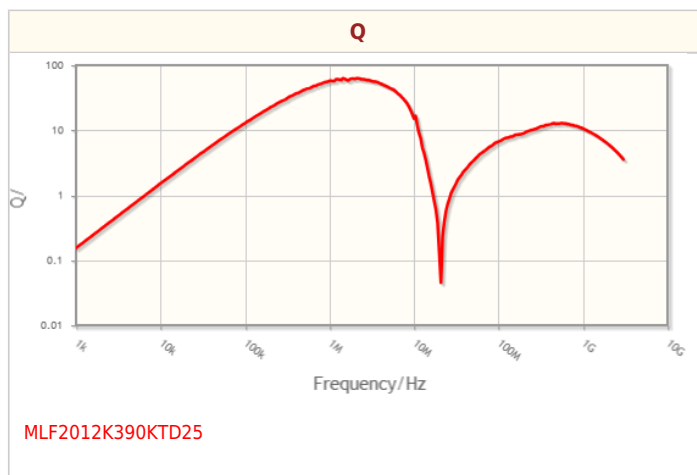
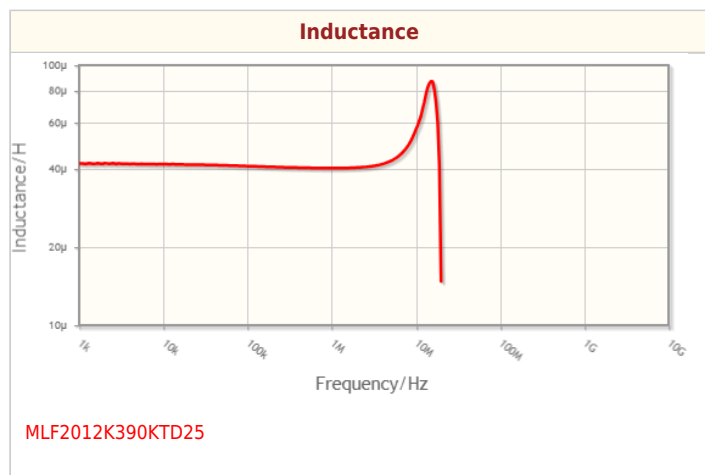
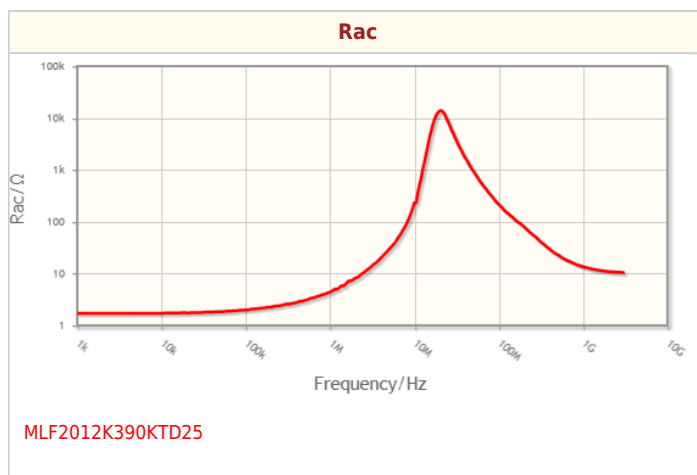
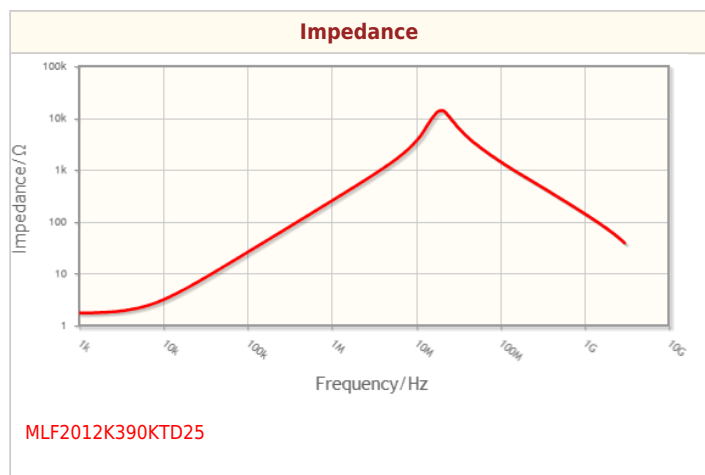
| Electrical Characteristics              |                   |
|---|-------------------|
| Inductance                              | 39μH ±10% at 2MHz |
| Rated Current (L Change) [Typ.]         |                   |
| Rated Current (L Change) [Max.]         | 4mA               |
| Rated Current (Temperature Rise) [Typ.] |                   |
| Rated Current (Temperature Rise) [Max.] |                   |
| DC Resistance [Typ.]                    | 1.3Ω              |
| DC Resistance [Max.]                    | 2.4Ω              |
| Rated Voltage [Max.]                    |                   |
| Self Resonant Frequency [Min.]          | 13MHz             |
| Self Resonant Frequency [Typ.]          | 23MHz             |
| Q [Min.]                                | 35 at 2MHz        |
| Q [Typ.]                                | 55 at 2MHz        |

| Other                 |                |
|-----------------------|----------------|
| Operating Temp. Range | -40 to 85°C    |
| Soldering Method      | Reflow         |
|                       | Iron Soldering |
| AEC-Q200              | YES            |

! 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.

|                  |                                       |
|------------------|---------------------------------------|
| Packing          | Embossed (Plastic)Taping [180mm Reel] |
| Package Quantity | 2000pcs                               |
| Weight           | 0.014g                                |

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



Associated Images

