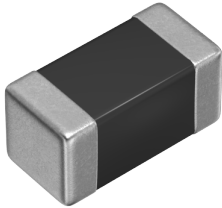


|                          |   |
|--------------------------|---|
| Product Status           | Production  |
| Applications             | Commercial Grade  |
| Feature                  | No DirectivityNo Directivity  |
|                          | MultilayerMultilayer  |
|                          |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




| 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.    |

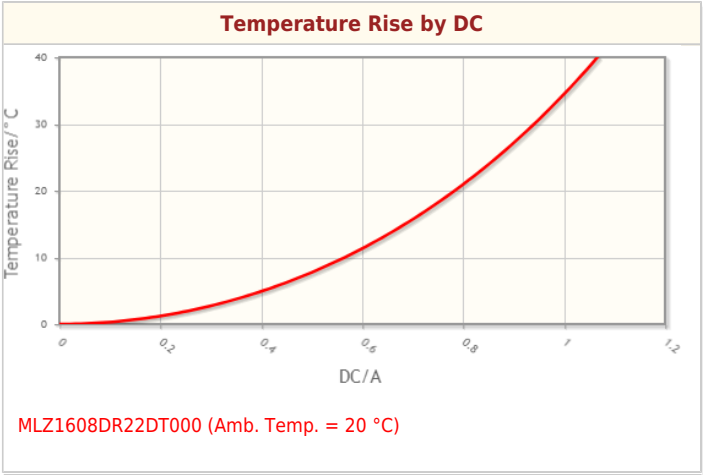
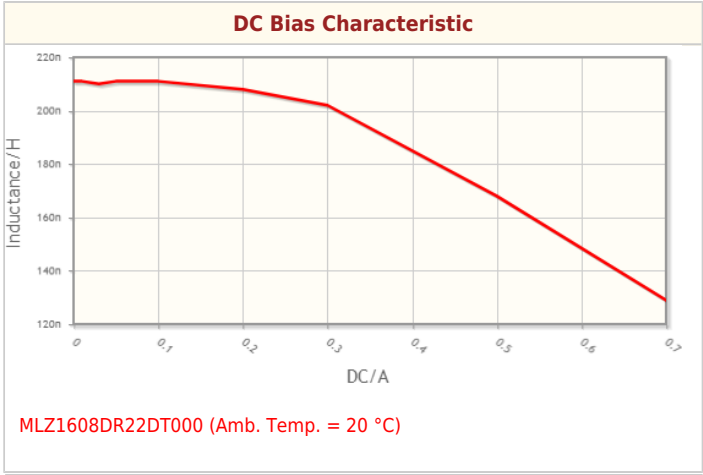
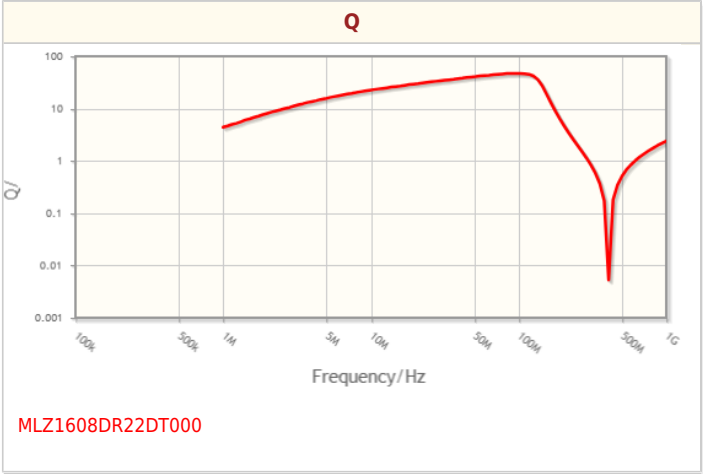
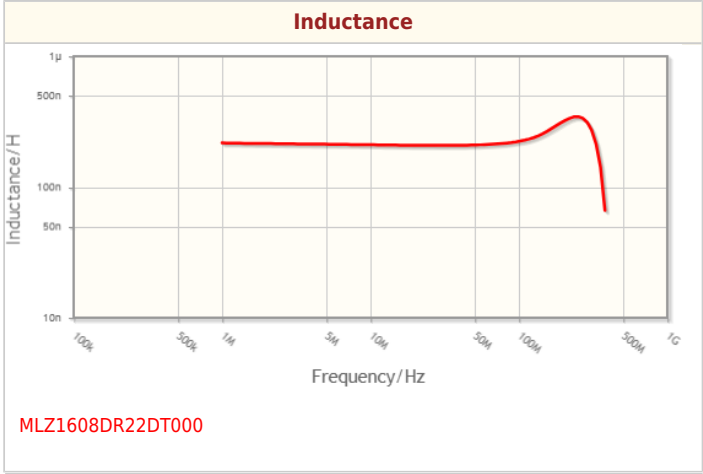
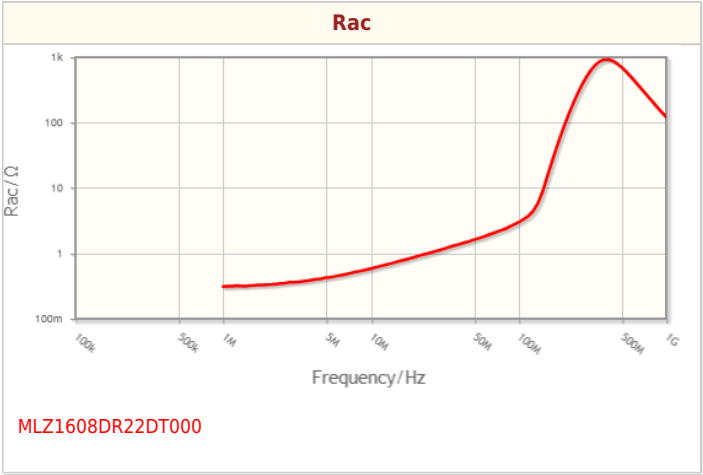
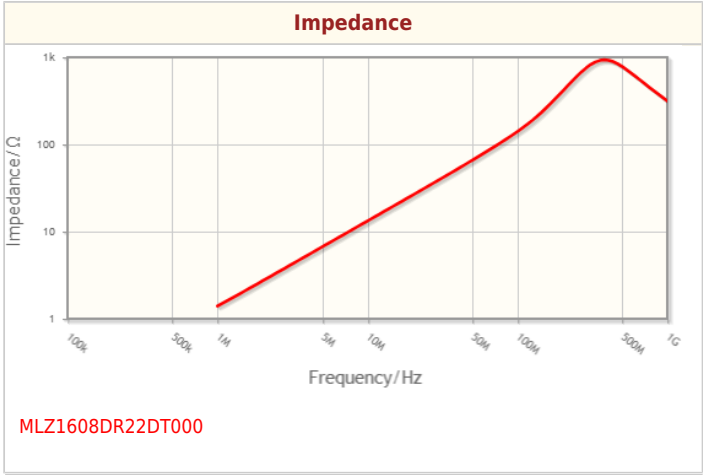
| Electrical Characteristics              |                     |
|---|---------------------|
| Inductance                              | 220nH ±20% at 25MHz |
| Rated Current (L Change) [Typ.]         |                     |
| Rated Current (L Change) [Max.]         | 550mA (50% Down)    |
| Rated Current (Temperature Rise) [Typ.] | 600mA (20°C Rise)   |
| Rated Current (Temperature Rise) [Max.] |                     |
| DC Resistance [Typ.]                    | 270mΩ               |
| DC Resistance [Max.]                    | 351mΩ               |
| Rated Voltage [Max.]                    |                     |
| Self Resonant Frequency [Min.]          |                     |
| Self Resonant Frequency [Typ.]          |                     |
| Q [Min.]                                |                     |
| Q [Typ.]                                |                     |

| Other                 |                                    |
|-----------------------|------------------------------------|
| Operating Temp. Range | -55 to 125°C                       |
| Soldering Method      | Reflow                             |
|                       | Iron Soldering                     |
| AEC-Q200              | NO                                 |
| Packing               | Punched (Paper)Taping [180mm Reel] |

! 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.

|                       |  |
|-----------------------|--|
| Package Quantity      | 4000pcs  |
| Weight                | 0.004g   |
| FIT (Failure In Time) |  This will be displayed when you <a href="#">login</a> to myTDK |

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



# Associated Images

