

MLG0402Q0N7CT000



|               |   |
|---------------|---|
| Applications  | Commercial Grade  |
| Feature       | <div>MultilayerMultilayer</div> <div>Non-Mag CoreNon-Magnetic Core (Dielectric Ceramic)</div> <div>High QHigh Q</div> |
| Series   Type | MLG-Q   |
| Status        | Production  |
| Brand         | TDK   |



| Size                         |                  |
|------------------------------|------------------|
| Length(L)                    | 0.40mm ±0.02mm   |
| Width(W)                     | 0.20mm ±0.02mm   |
| Thickness   Height           | 0.20mm ±0.02mm   |
| Recommended Land Pattern (A) | 0.15mm to 0.20mm |
| Recommended Land Pattern (B) | 0.20mm Nom.      |
| Recommended Land Pattern (C) | 0.18mm to 0.20mm |

| Electrical Characteristics     |                        |
|--------------------------------|------------------------|
| Inductance                     | 0.7nH ±0.2nH at 100MHz |
| Rated Current                  | 320mA                  |
| DC Resistance [Typ.]           | 190mΩ                  |
| DC Resistance [Max.]           | 400mΩ                  |
| Self Resonant Frequency [Min.] | 10GHz                  |
| Self Resonant Frequency [Typ.] | 20GHz                  |
| Q [Min.]                       |                        |
| Q [Typ.]                       |                        |

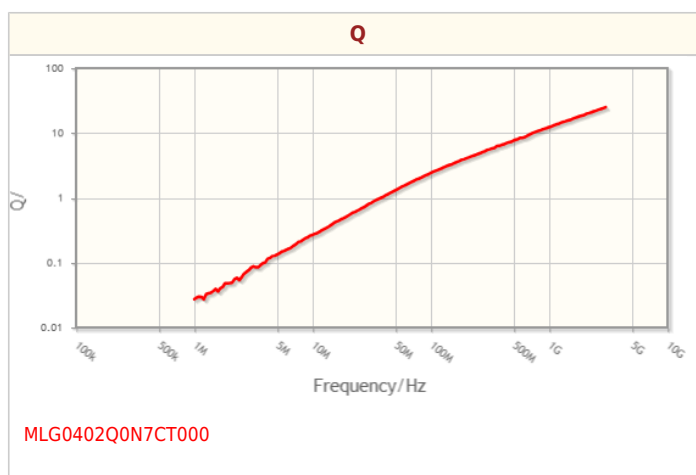
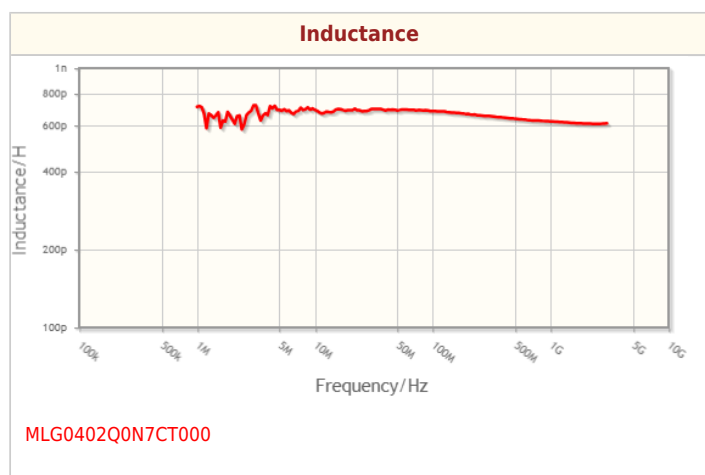
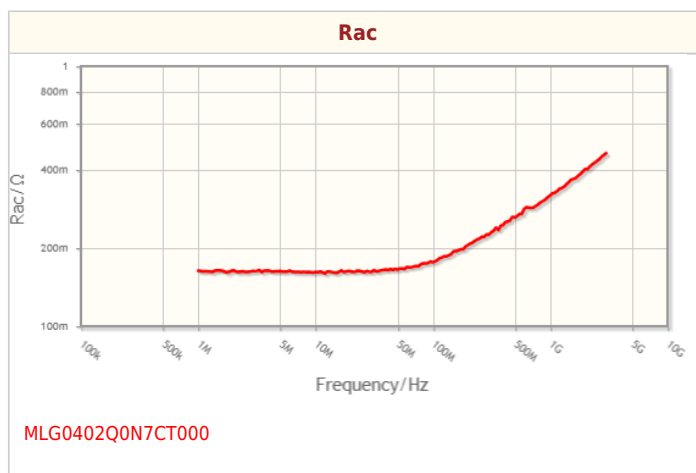
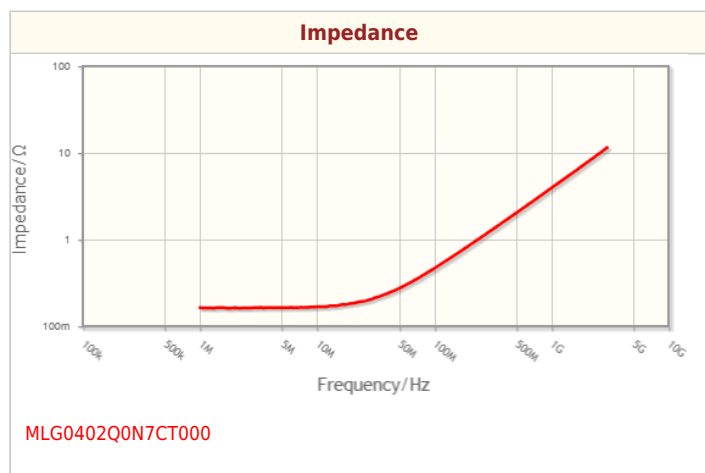
| Other                 |  |
|-----------------------|--|
| Operating Temp. Range | -55 to 125°C                                       |
| Soldering Method      | Reflow   |
| AEC-Q200              | NO   |
| Packing               | Punched (Paper)Taping [180mm Reel, Tape width 8mm] |
| Package Quantity      | 20000pcs   |
| Weight                | 0.00007g   |

! 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.

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





# Associated Images

