

|                      |  |
|----------------------|--|
| <b>Applications</b>  | Commercial Grade   |
| <b>Feature</b>       | <b>Multilayer</b> Multilayer                               |
|                      | <b>Non-Mag Core</b> Non-Magnetic Core (Dielectric Ceramic) |
| <b>Series   Type</b> | MLG  |
| <b>Status</b>        | Production   |
| <b>Brand</b>         | TDK  |



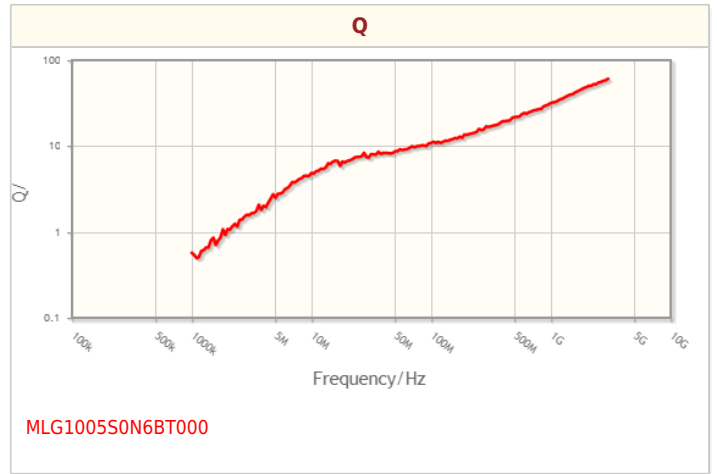
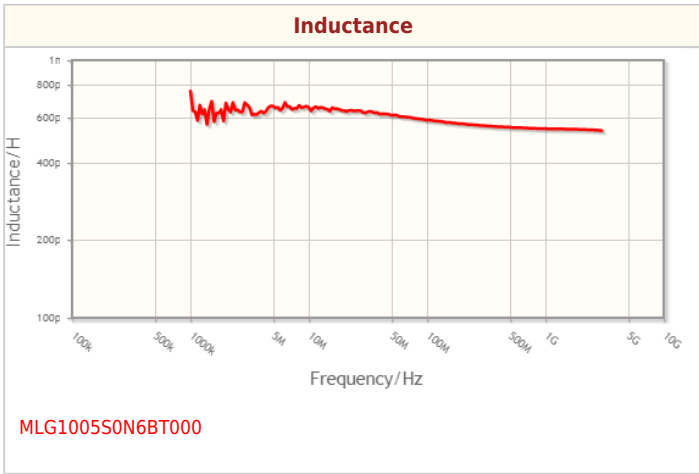
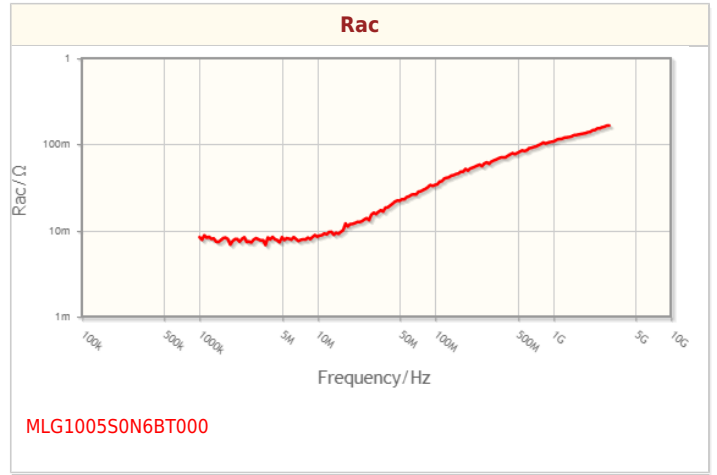
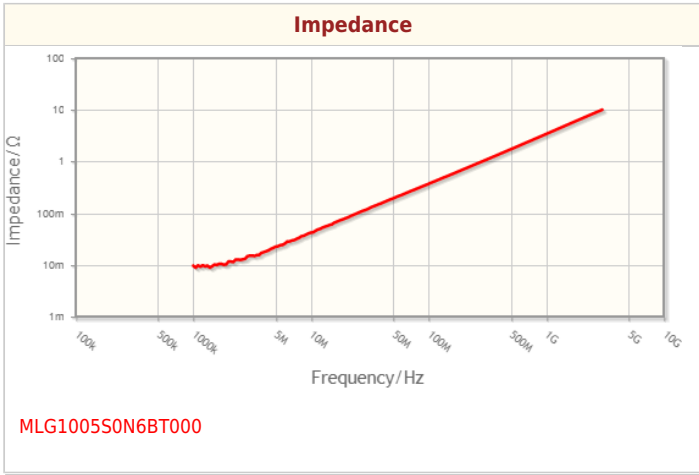
| Size                         |                |
|------------------------------|----------------|
| Length(L)                    | 1.00mm ±0.05mm |
| Width(W)                     | 0.50mm ±0.05mm |
| Thickness   Height           | 0.50mm ±0.05mm |
| Recommended Land Pattern (A) | 0.50mm Nom.    |
| Recommended Land Pattern (B) | 0.40mm Nom.    |
| Recommended Land Pattern (C) | 0.50mm Nom.    |

| Electrical Characteristics     |                        |
|--------------------------------|------------------------|
| Inductance                     | 0.6nH ±0.1nH at 100MHz |
| Rated Current                  | 1A                     |
| DC Resistance [Typ.]           | 10mΩ                   |
| DC Resistance [Max.]           | 100mΩ                  |
| Self Resonant Frequency [Min.] | 10GHz                  |
| Self Resonant Frequency [Typ.] | 20GHz                  |
| Q [Min.]                       |                        |
| Q [Typ.]                       |                        |

| 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, Tape width 8mm] |
| Package Quantity                                  | 10000pcs   |
| Weight  | 0.001g   |

! 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

