

|                      |  |
|----------------------|--|
| <b>Applications</b>  | Commercial Grade   |
| <b>Feature</b>       | No Directivity   |
|                      | Multilayer   |
|                      | Non-Magnetic Core (Dielectric Ceramic)<br>High Self Resonant Frequency   |
| <b>Series   Type</b> | MLK  |
| <b>Status</b>        | EOL announced<br>Recommended Alternate Part No. : <a href="#">MLG0603S6N2ST000</a> (Interchangeability is not guaranteed.) |
|                      | Discontinue Issue Date : May.24, 2021  |
|                      | Last Purchase Order Date : Mar.31, 2026  |
|                      | Last Shipment Date : Jun.30, 2026  |
| <b>Brand</b>         | TDK  |



| Size                         |                |
|------------------------------|----------------|
| Length(L)                    | 0.60mm ±0.03mm |
| Width(W)                     | 0.30mm ±0.03mm |
| Thickness   Height           | 0.30mm ±0.03mm |
| Recommended Land Pattern (A) | 0.25mm Nom.    |
| Recommended Land Pattern (B) | 0.30mm Nom.    |
| Recommended Land Pattern (C) | 0.30mm Nom.    |

| Electrical Characteristics     |                        |
|--------------------------------|------------------------|
| Inductance                     | 6.2nH ±0.3nH at 100MHz |
| Rated Current                  | 200mA                  |
| DC Resistance [Typ.]           | 340mΩ                  |
| DC Resistance [Max.]           | 650mΩ                  |
| Self Resonant Frequency [Min.] | 6GHz                   |
| Self Resonant Frequency [Typ.] | 8.3GHz                 |
| Q [Min.]                       | 6 at 300MHz            |
| Q [Typ.]                       | 8 at 300MHz            |

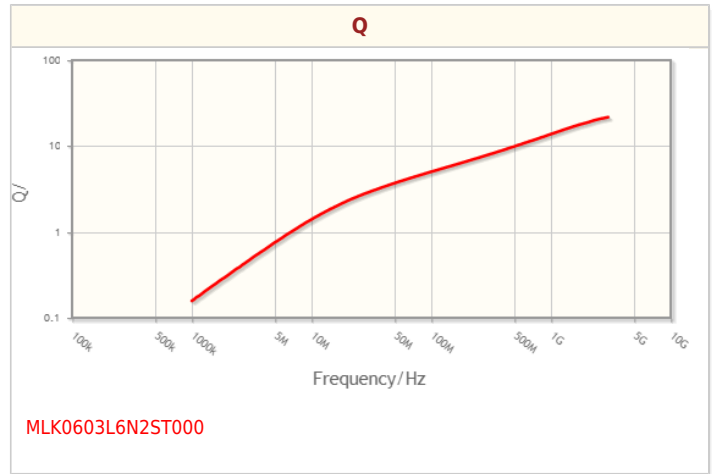
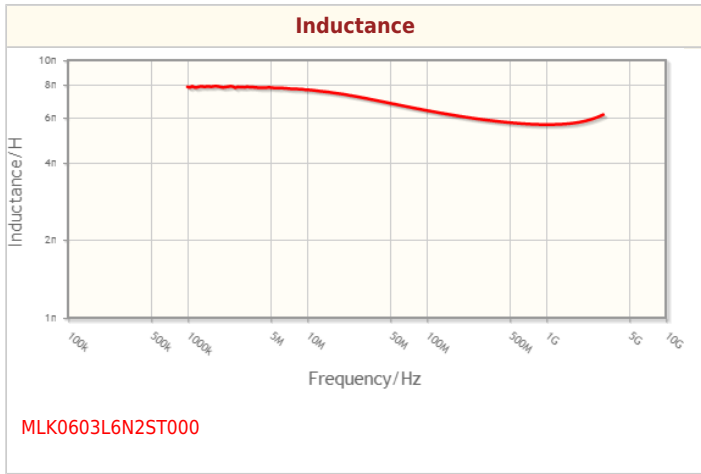
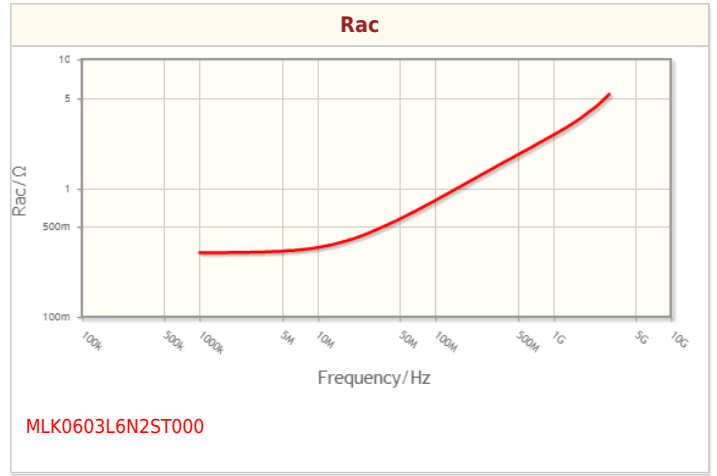
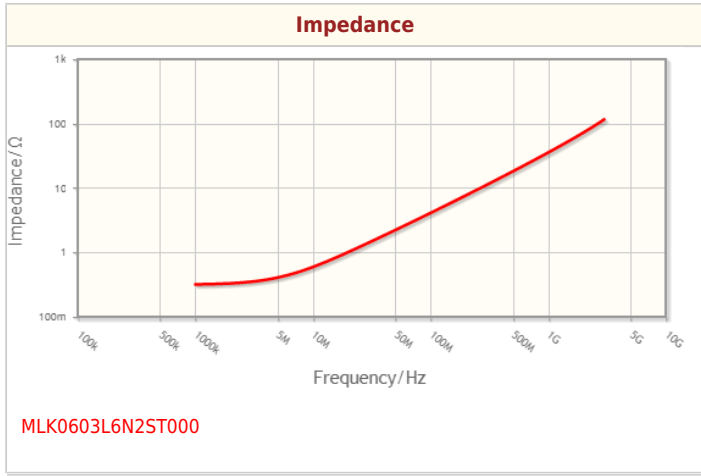
| Other   |  |
|---|--|
| Operating Temp. Range (Including Self-Temp. Rise) | -55 to 125°C                                       |
| Soldering Method                                  | Reflow   |
|   | Iron Soldering                                     |
| AEC-Q200  | NO   |
| Packing   | Punched (Paper)Taping [180mm Reel, Tape width 8mm] |
| Package Quantity                                  | 15000pcs   |
| Weight  | 0.0002g  |

Weight 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

