

MLG1005S2N4BT000



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|----------------------|--|
| Applications | Commercial Grade |
| Feature | Multilayer Multilayer |
| | Non-Mag Core Non-Magnetic Core (Dielectric Ceramic) |
| Series Type | MLG |
| Status | Production |
| Brand | 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 | 2.4nH ±0.1nH at 100MHz |
| Rated Current | 800mA |
| DC Resistance [Typ.] | 80mΩ |
| DC Resistance [Max.] | 150mΩ |
| Self Resonant Frequency [Min.] | 7GHz |
| Self Resonant Frequency [Typ.] | 8.2GHz |
| Q [Min.] | 7 at 100MHz |
| Q [Typ.] | 11 at 100MHz |

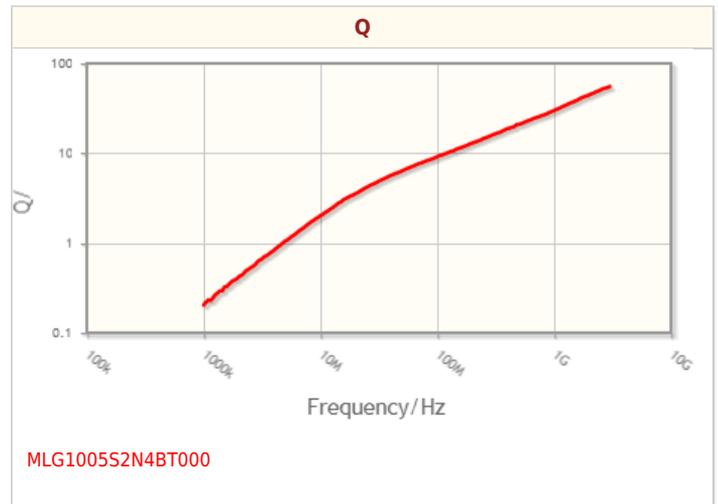
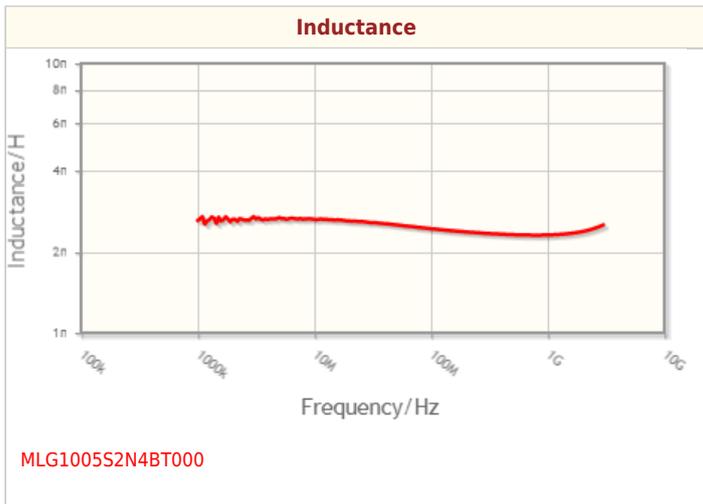
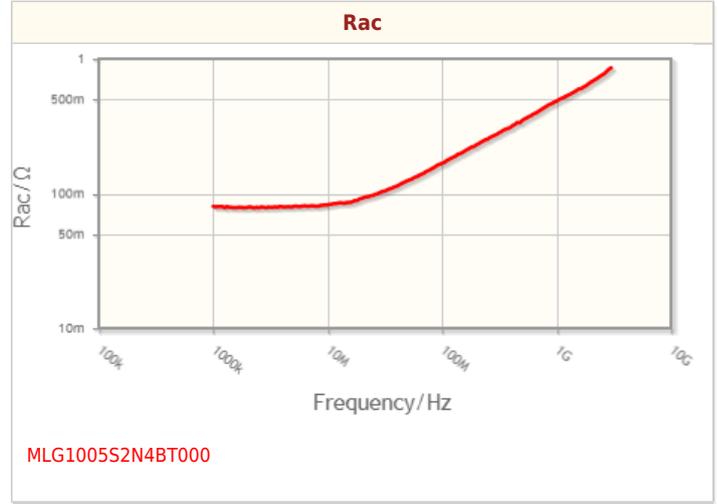
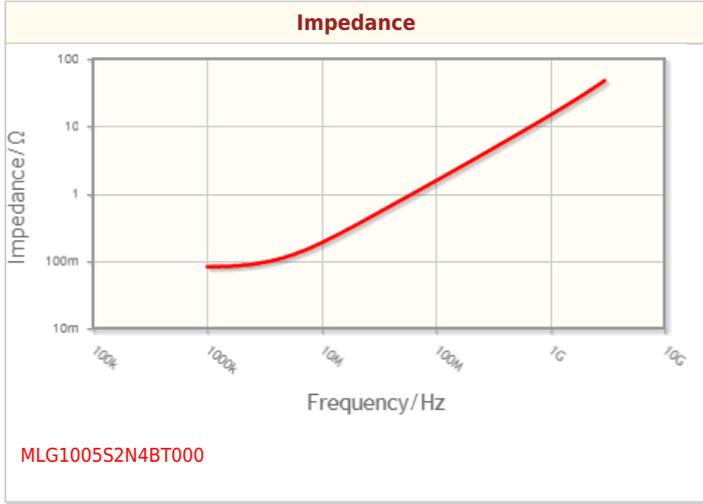
| Other | |
|---|------------------------------------|
| Operating Temp. Range (Including Self-Temp. Rise) | -55 to 125°C |
| Soldering Method | Reflow |
| | Iron Soldering |
| AEC-Q200 | No |
| Packing | Punched (Paper)Taping [180mm Reel] |
| Package Quantity | 10000pcs |
| Weight | 0.001g |

! Images are for reference only and show exemplary products.
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! 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.)

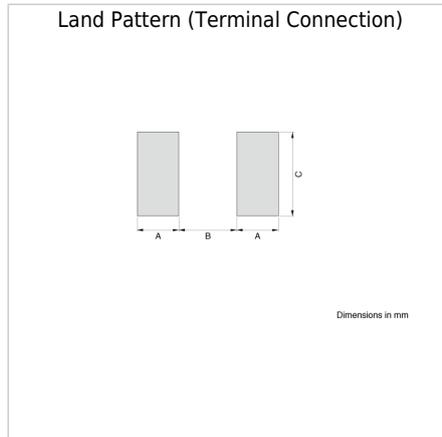
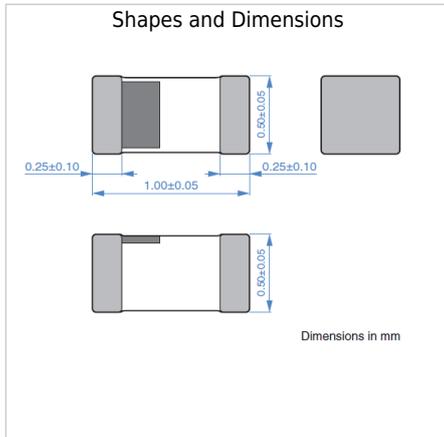


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Associated Images



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