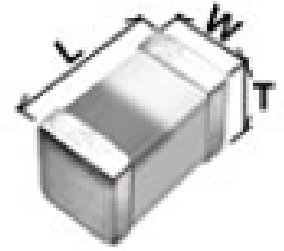


MLG0402P8N2JT000



| | |
|----------------------|---|
| Applications | Commercial Grade |
| Feature | <div style="border: 1px solid red; padding: 2px;">Multilayer</div> Multilayer <div style="border: 1px solid gray; padding: 2px;">Non-Mag Core</div> Non-Magnetic Core (Dielectric Ceramic) <div style="border: 1px solid blue; padding: 2px;">High Q</div> High Q |
| Series Type | MLG-P |
| Status | Production |
| Brand | TDK |



| Size | |
|------------------------------|------------------|
| Length(L) | 0.40mm ±0.02mm |
| Width(W) | 0.20mm ±0.02mm |
| Thickness(T) | 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 | 8.2nH ±5% at 500MHz |
| Rated Current | 140mA |
| DC Resistance [Typ.] | 1.16Ω |
| DC Resistance [Max.] | 1.8Ω |
| Self Resonant Frequency [Min.] | 4GHz |
| Self Resonant Frequency [Typ.] | 5.5GHz |
| Q [Min.] | 8 at 500MHz |
| Q [Typ.] | |

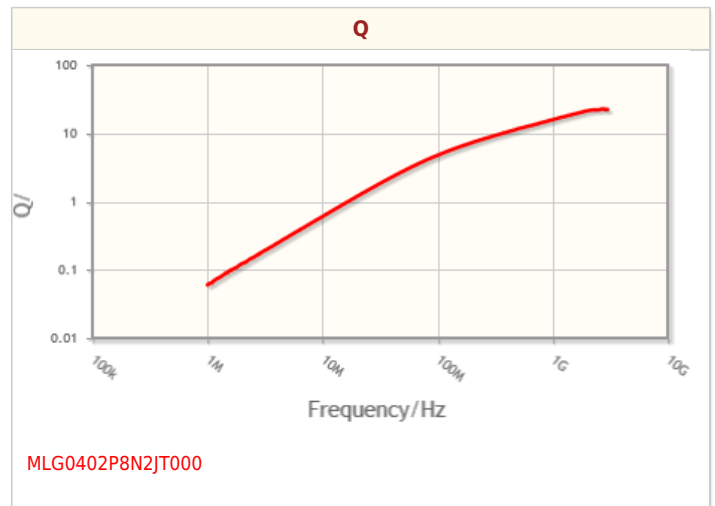
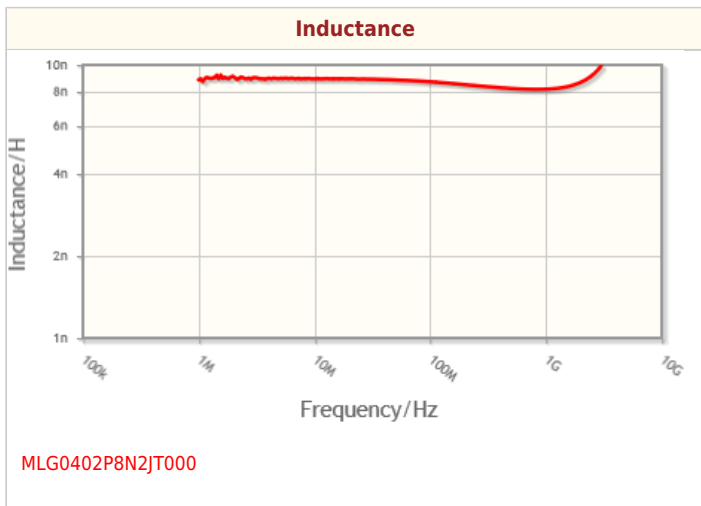
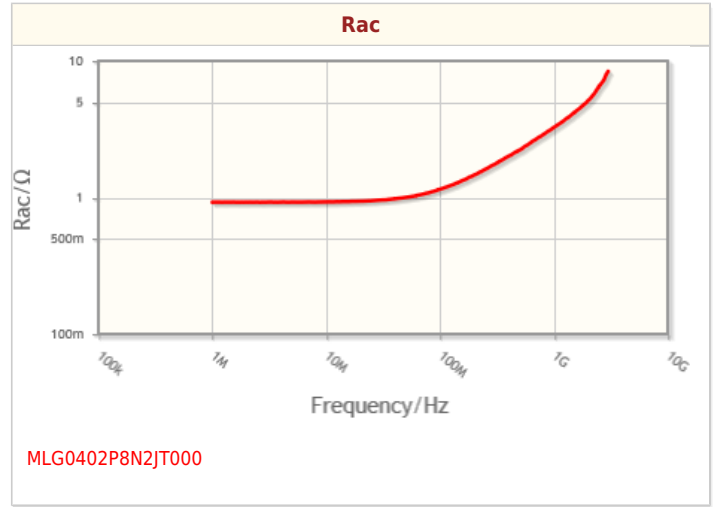
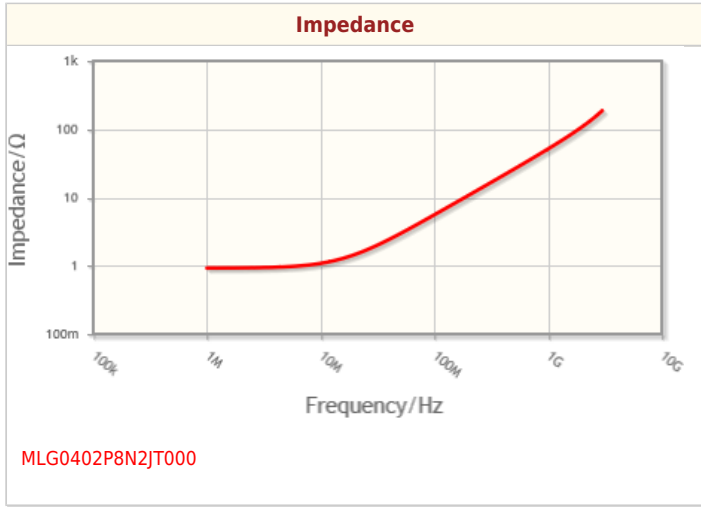
| Other | |
|---|------------------------------------|
| Operating Temp. Range (Including Self-Temp. Rise) | -55 to 125°C |
| Soldering Method | Reflow |
| AEC-Q200 | No |
| Packing | Punched (Paper)Taping [180mm Reel] |
| Package Quantity | 20000pcs |
| Weight | 0.00007g |

! 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.

MLG0402P8N2JT000



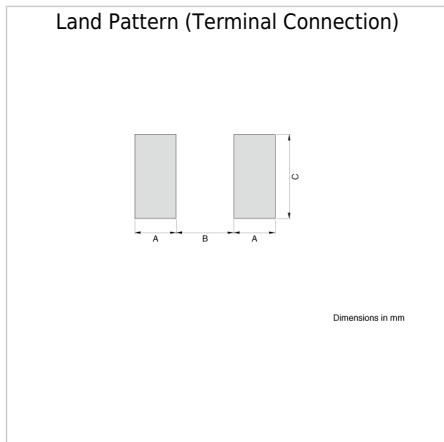
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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Associated Images



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