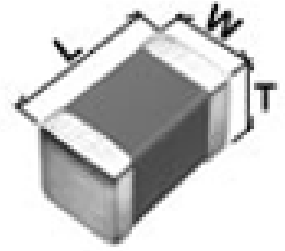


MLZ1608N1R0LT000



| | |
|----------------------|--|
| Applications | Commercial Grade |
| Feature | <div style="border: 1px solid black; padding: 2px;">Shield</div> Magnetic Shield <div style="border: 1px solid black; padding: 2px;">Multilayer</div> Multilayer <div style="border: 1px solid black; padding: 2px;">Ferrite Core</div> Ferrite Core |
| Series Type | MLZ |
| Status | Production |
| Brand | TDK |



| Size | |
|------------------------------|----------------|
| Length(L) | 1.60mm ±0.15mm |
| Width(W) | 0.80mm ±0.15mm |
| Thickness(T) | 0.80mm ±0.15mm |
| Recommended Land Pattern (A) | 0.60mm Nom. |
| Recommended Land Pattern (B) | 0.80mm Nom. |
| Recommended Land Pattern (C) | 0.80mm Nom. |

| Electrical Characteristics | |
|---|-------------------|
| Inductance | 1µH ±20% at 2MHz |
| Rated Current (L Change) [Typ.] | |
| Rated Current (L Change) [Max.] | 140mA (50% Down) |
| Rated Current (Temperature Rise) [Typ.] | 700mA (20°C Rise) |
| Rated Current (Temperature Rise) [Max.] | 140mA (20°C Rise) |
| DC Resistance [Typ.] | 110mΩ |
| DC Resistance [Max.] | 143mΩ |
| Self Resonant Frequency [Min.] | |
| Self Resonant Frequency [Typ.] | |
| Q [Min.] | |
| Q [Typ.] | |

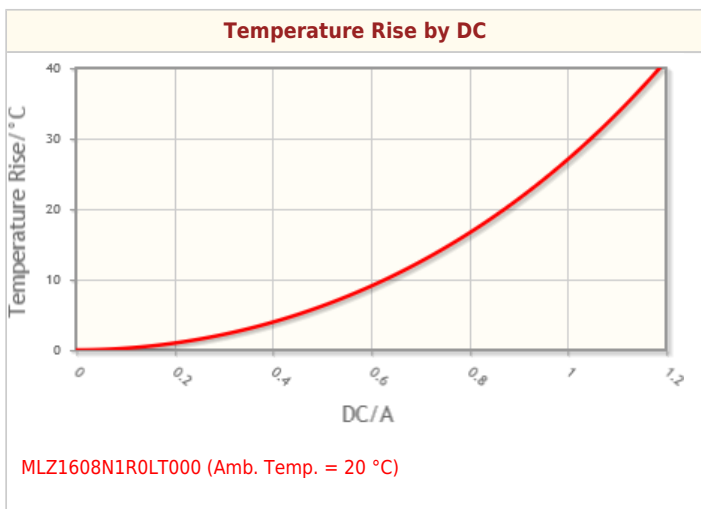
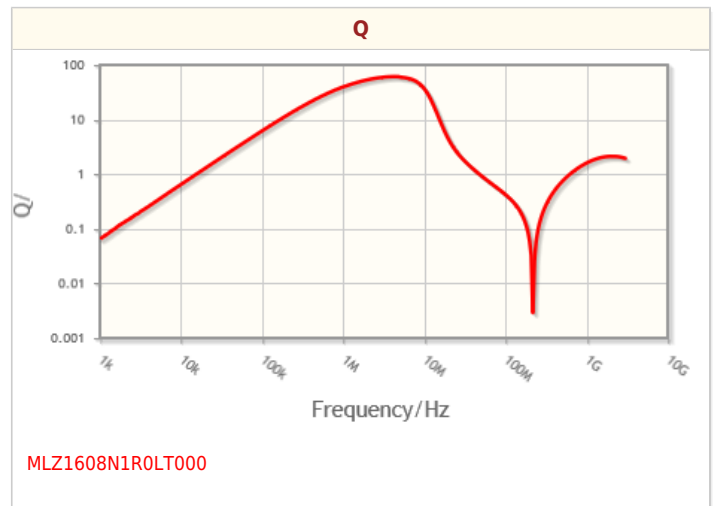
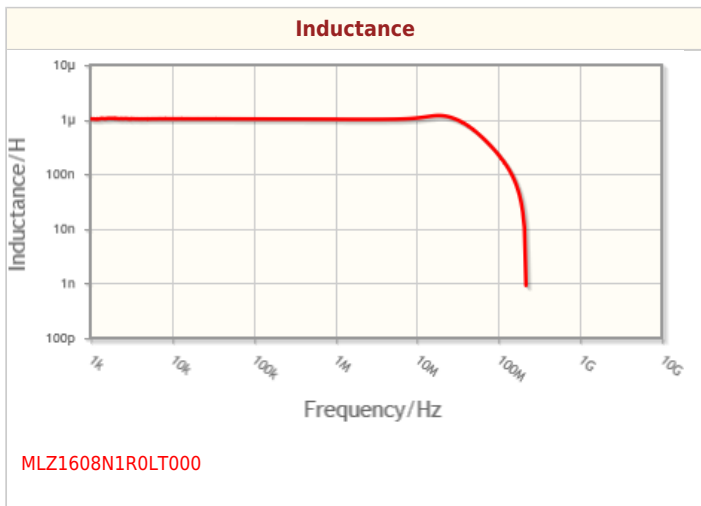
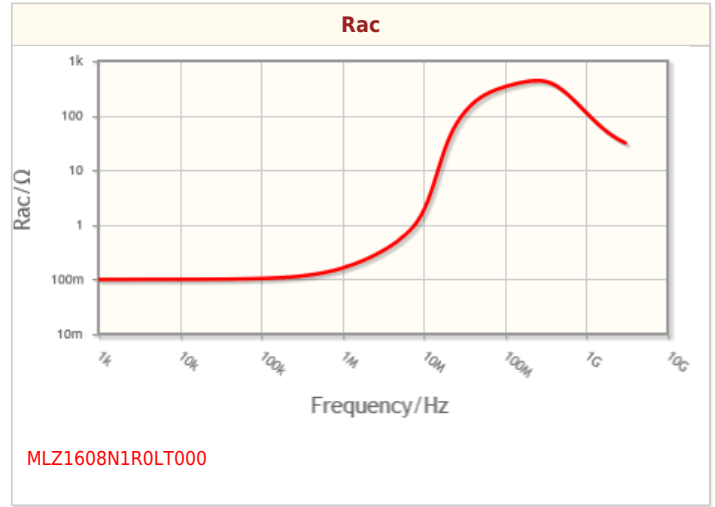
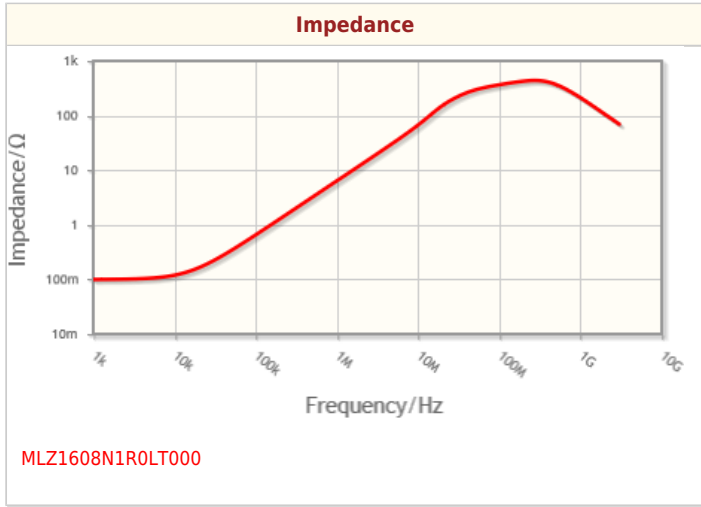
| Other | |
|---|------------------------------------|
| Operating Temp. Range (Including Self-Temp. Rise) | -55 to 125°C |
| Soldering Method | Wave (Flow) |
| | Reflow |
| | Iron Soldering |
| AEC-Q200 | No |
| Packing | Punched (Paper)Taping [180mm Reel] |
| Package Quantity | 4000pcs |
| Weight | 0.004g |

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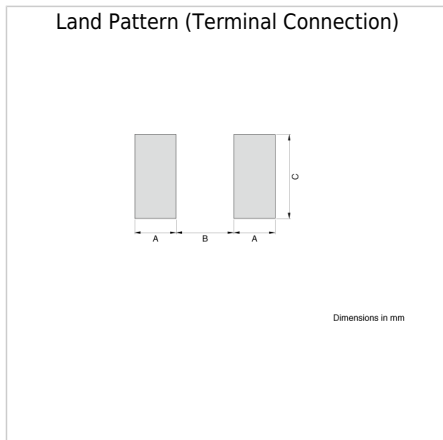
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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Associated Images



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