



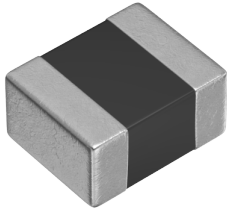


| | |
|--------------------------|---|
| Product Status | Production |
| Applications | Commercial Grade |
| Feature | No DirectivityNo Directivity |
| | MultilayerMultilayer |
| | ShieldMagnetic Shield |
| | Ferrite CoreFerrite Core |
| Series Type | MLP |
| Brand | TDK |
| Environmental Compliance | <div><div>RoHS</div><div>REACH</div><div>Halogen Free</div><div>Lead Free</div></div> |



| Size | |
|------------------------------|----------------|
| Length(L) | 2.50mm ±0.15mm |
| Width(W) | 2.00mm ±0.15mm |
| Thickness Height | 0.85mm ±0.15mm |
| Recommended Land Pattern (A) | 0.70mm Nom. |
| Recommended Land Pattern (B) | 1.40mm Nom. |
| Recommended Land Pattern (C) | 2.00mm Nom. |

| Electrical Characteristics | |
|---|--------------------|
| Inductance | 1.5μH ±20% at 2MHz |
| Rated Current (L Change) [Typ.] | |
| Rated Current (L Change) [Max.] | |
| Rated Current (Temperature Rise) [Typ.] | |
| Rated Current (Temperature Rise) [Max.] | 1.2A (40°C Rise) |
| DC Resistance [Typ.] | 90mΩ |
| DC Resistance [Max.] | 117mΩ |
| Rated Voltage [Max.] | |
| Self Resonant Frequency [Min.] | |
| Self Resonant Frequency [Typ.] | |
| Q [Min.] | |
| Q [Typ.] | |

| Other | |
|-----------------------|---------------------------------------|
| Operating Temp. Range | -40 to 125°C |
| Soldering Method | Reflow |
| | Iron Soldering |
| AEC-Q200 | NO |
| Packing | Embossed (Plastic)Taping [180mm Reel] |

! Images are for reference only and show exemplary products.

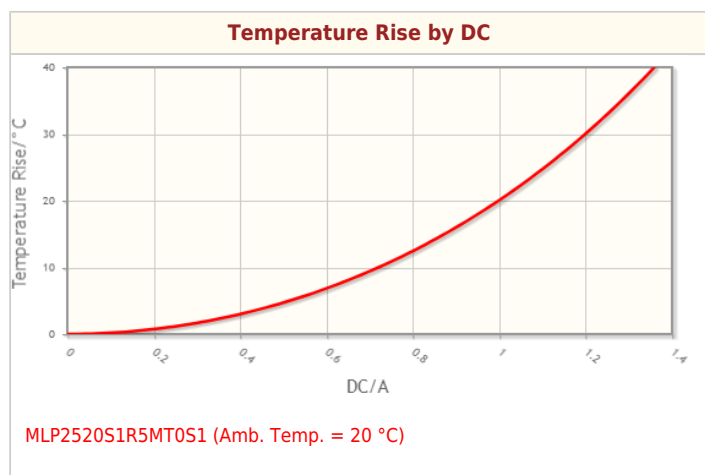
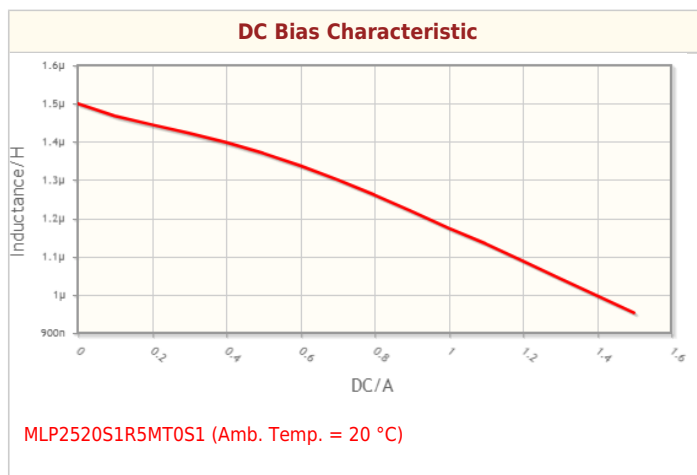
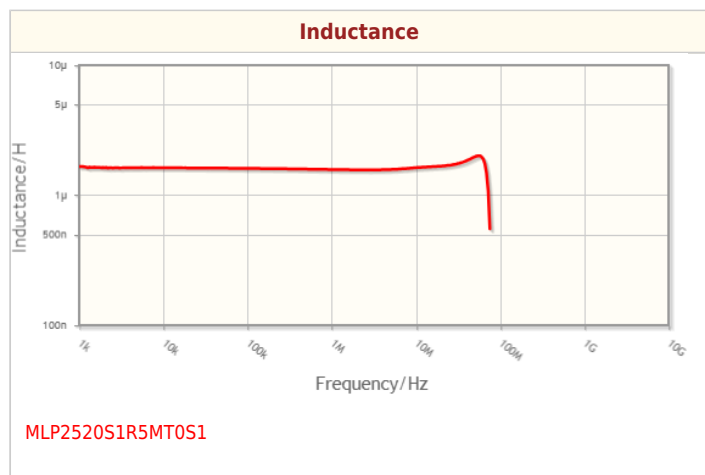
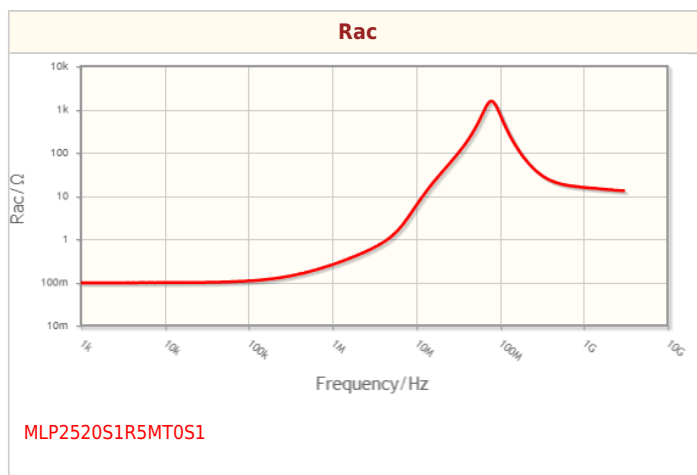
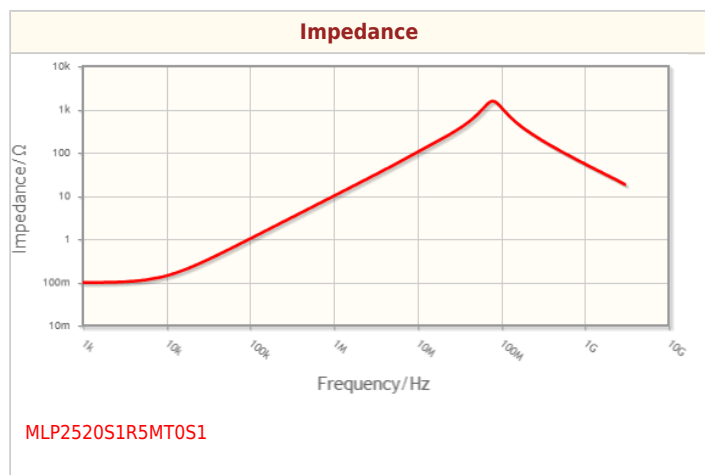
! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

| | |
|------------------|---------|
| Package Quantity | 3000pcs |
| Weight | 0.015g |

MLP2520S1R5MT0S1

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



Associated Images

