



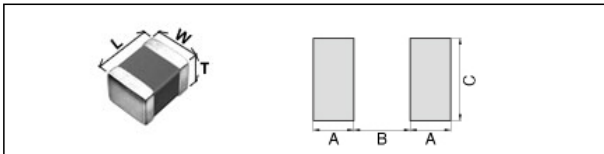


**THE DATASHEET OF
MLP2520K1R0MT0S1**



MLP2520K1R0MT0S1

| | |
|--------------|---|
| Applications |  Commercial Grade |
| Feature |  Multilayer |
| |  Magnetic Shield |
| |  Ferrite Core |
| Series | MLP Series / MLP2520 Type |
| Status | Production (Recommended Alternate Part is available.)(Recommended Alternate Part Number:MLP2520W1R0MT0S1) |



| Size | |
|------------------------------|------------------|
| Length(L) | 2.50mm +/-0.15mm |
| Width(W) | 2.00mm +/-0.15mm |
| Thickness(T) | 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. |

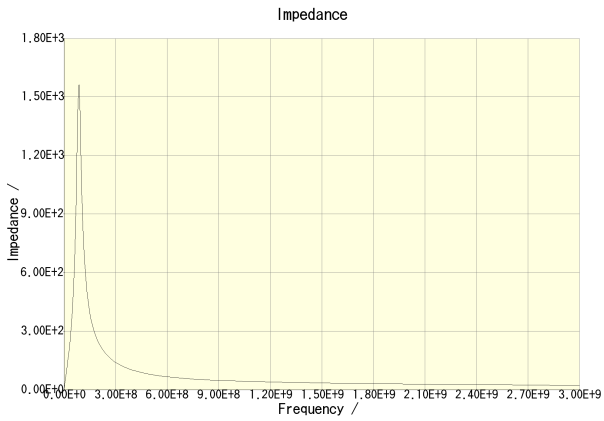
| Electrical Characteristics | |
|---|--------------------|
| Inductance | 1uH +/-20% at 2MHz |
| Rated Current (Temperature Rise) [Max.] | 2.3A (40degC Rise) |
| DC Resistance [Nom.] | 48mΩ |
| DC Resistance [Max.] | 62.4mΩ |

| Other | |
|---|--------------------------------------|
| Operating Temp. Range (Including Self-Temp. Rise) | -40 to 125degC |
| Soldering Method | Reflow, Iron Soldering |
| AEC Q200 | No |
| Packing | Blister (Plastic)Taping [180mm Reel] |
| Package Quantity | 3000Pcs Min. |
| Weight | 0.015g |

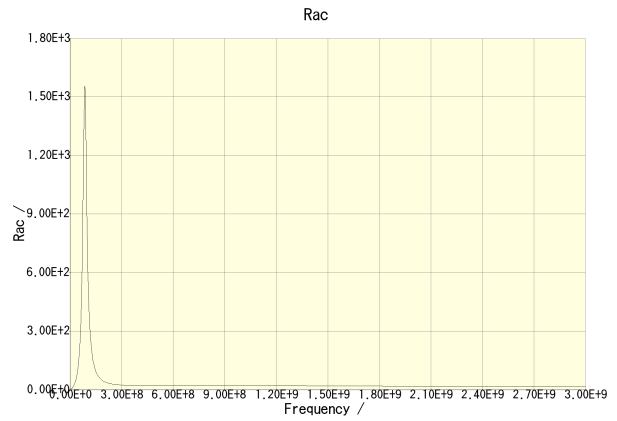
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 •All specifications are subject to change without notice.

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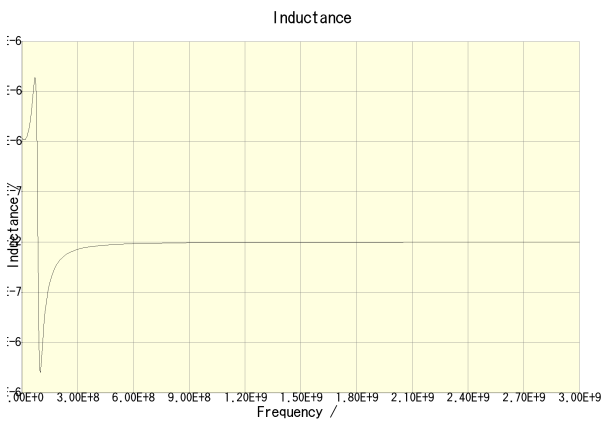
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



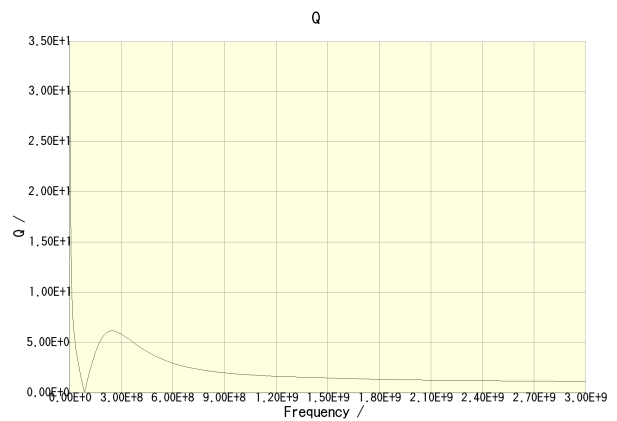
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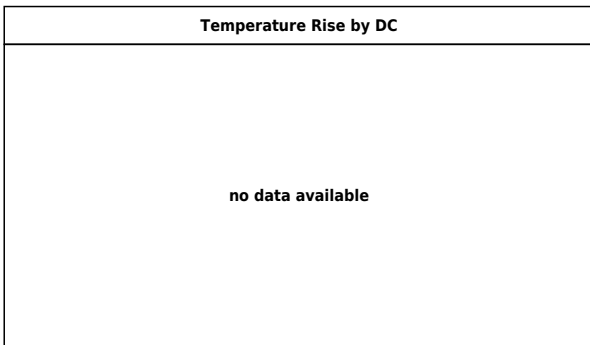
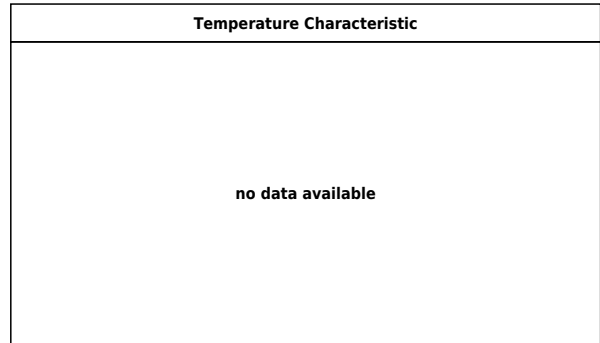
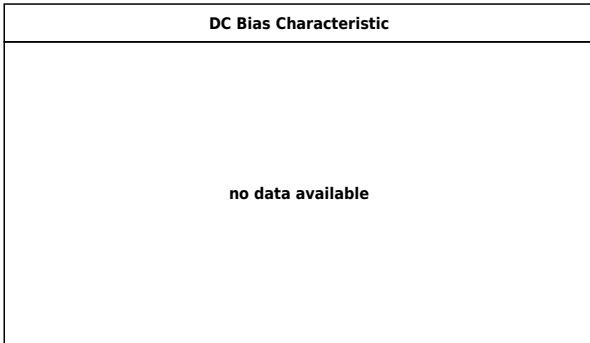


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-  Shortage Management
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