MN100 General Purpose, Very High Permeability Mn-Zn Ferrite

MN100 is an extremely linear ferrite material, characterized by a narrow BH loop and a high permeability. It is an excellent choice for linear and high voltage devices, as well as pulse transformers.

Typical Properties

- **Initial Permeability**: 9000
- **Maximum Permeability**: 11,500
- **Saturation Flux Density**: 4700 Gauss
- **Remanent Flux Density**: 600 Gauss
- **Coercive Force**: 0.03 Oersted
- **Curie Temperature**: 170°C
- **dc Volume Resistivity**: 200 ohm-cm
- **Bulk Density**: 4.8 g/cc

Unless otherwise specified, all tests were performed at 10 KHz, 22°C

Bs tested at 1 KHz, 20 Oersted • Br, Hc at 1 KHz, 5 Oersted

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**Graphs and Charts**

- **Initial Permeability vs. Temperature**
- **Permeability vs. Flux Density**
- **Complex Permeability vs. Frequency**
- **Power Loss vs. Frequency**

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