This material is a power ferrite developed to support high DC bias applications. It has excellent properties at elevated temperatures, such as 150°C. Suited for applications, such as filter chokes and micro-gapped toroids, operating at frequencies up to 500 KHz in high ambient temperatures.

**Typical Properties**

- Initial Permeability: 1000
- Maximum Permeability: 6800
- Saturation Flux Density: 5000 Gauss
- Remanent Flux Density: 2000 Gauss
- Coercive Force: 0.14 Oersted
- Curie Temperature: 275°C
- dc Volume Resistivity: 2500 ohm-cm
- Bulk Density: 4.70 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*
MN95

Mn-Zn Power Ferrite

Power Loss vs. Temperature at 100KHz

Power Loss vs. Frequency at 150°C

BH Loop Parameters vs. Frequency

BH Loop Parameters vs. Frequency at 150°C