



MN80C

Mn-Zn Power Ferrite

MN80C is especially suited for applications in high density power systems where low power losses are required. It has lowest losses at ambient temperatures of 110°C and can operate up to 1 MHz.

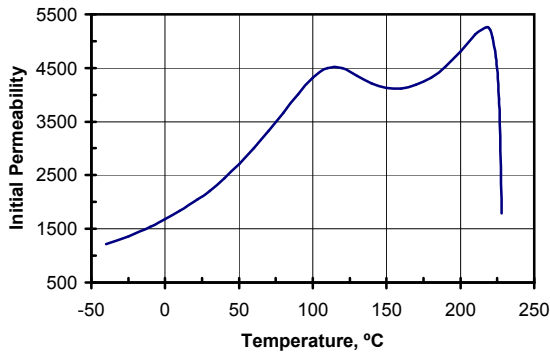
Typical Properties

| | |
|--------------------------------|---------------------|
| Initial Permeability | 2050 |
| Maximum Permeability | 5000 |
| Saturation Flux Density | 4900 Gauss |
| Remanent Flux Density | 1600 Gauss |
| Coercive Force | 0.18 Oersted |
| Curie Temperature | 230°C |
| dc Volume Resistivity | 1600 ohm-cm |
| Bulk Density | 4.75 g/cc |

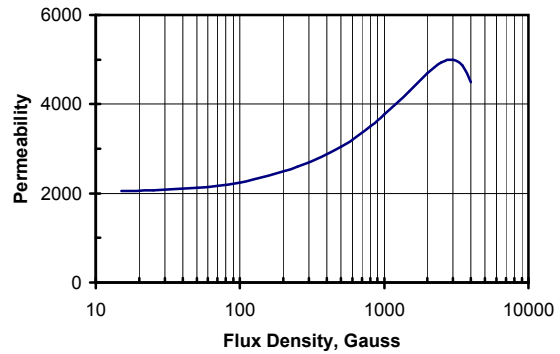
Unless otherwise specified, all tests were performed at 10 KHz, 22°C

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

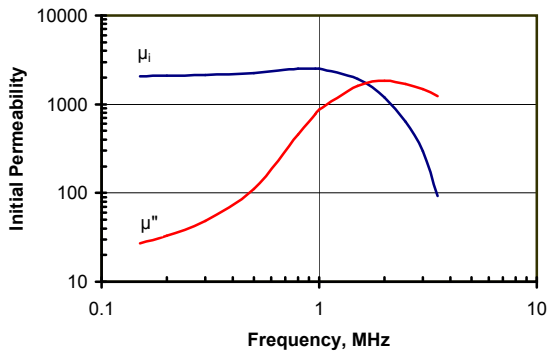
Initial Permeability vs. Temperature



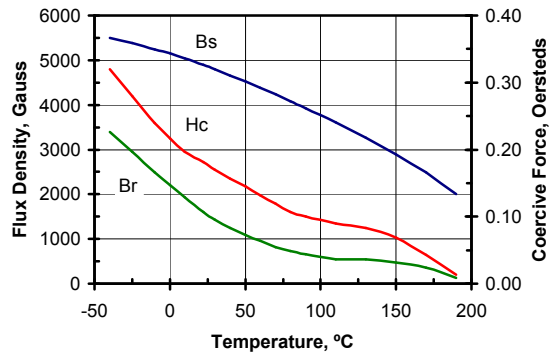
Permeability vs. Flux Density



Complex Permeability vs. Frequency



BH Loop Parameters vs. Temperature





MN80C

Mn-Zn Power Ferrite

