



# 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.*

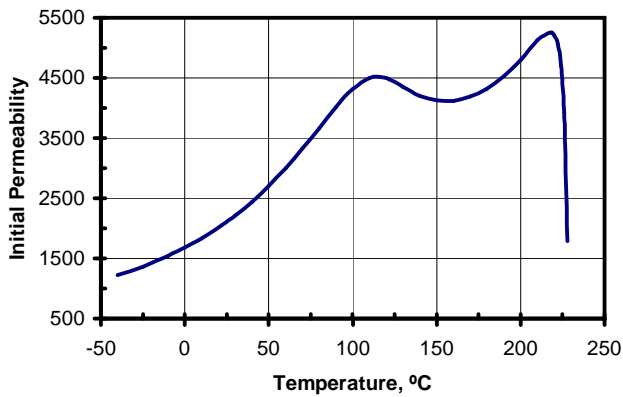
### Typical Properties

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

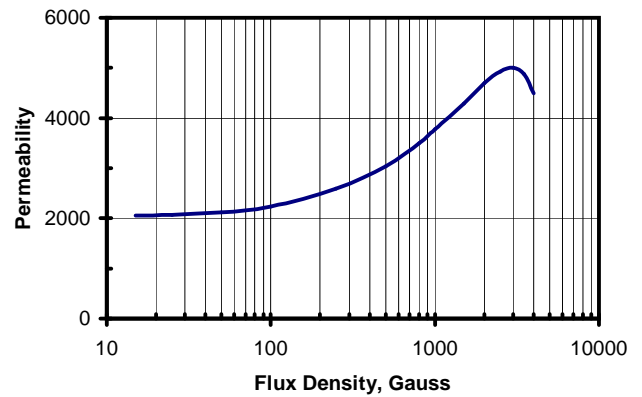
*Unless otherwise specified, all tests were performed at 10 KHz, 22°C*

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

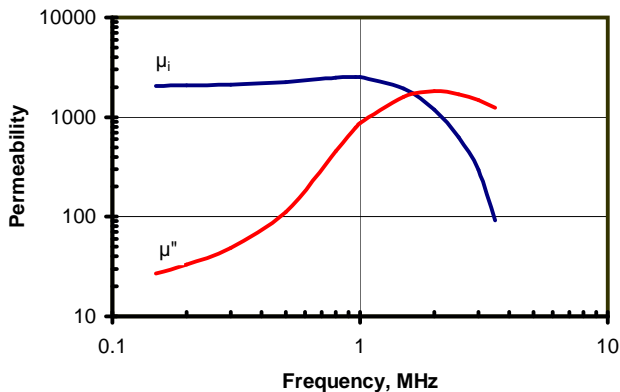
Initial Permeability vs. Temperature



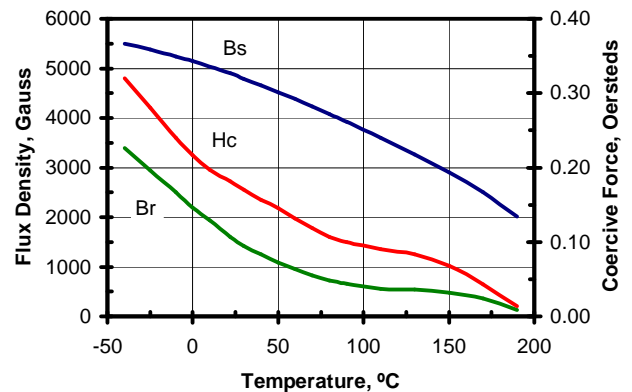
Permeability vs. Flux Density



Complex Permeability vs. Frequency



BH Loop Parameters vs. Temperature

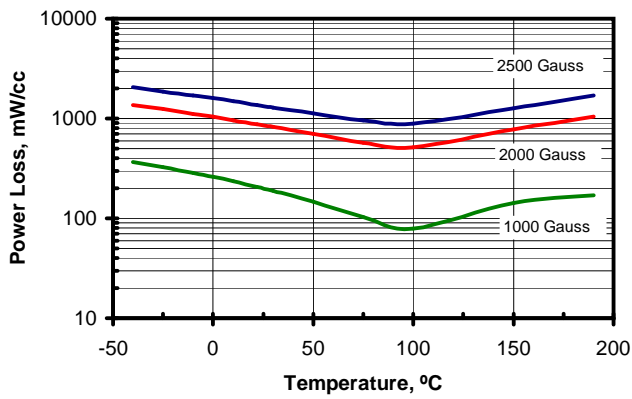




# MN80C

## Mn-Zn Power Ferrite

Power Loss vs. Temperature at 100 KHz



Power Loss vs. Frequency at 125°C

