Ceramic Magnetics, Inc.
A National Magnetics Group Company

MN60

General Purpose, High Permeability Mn-Zn Ferrite

High permeability and a very narrow BH loop make this ferrite suitable for linear inductors, antennas, current transformers, rotating transformers, high voltage power transformers, shielding, inductive couplers, and pulse applications

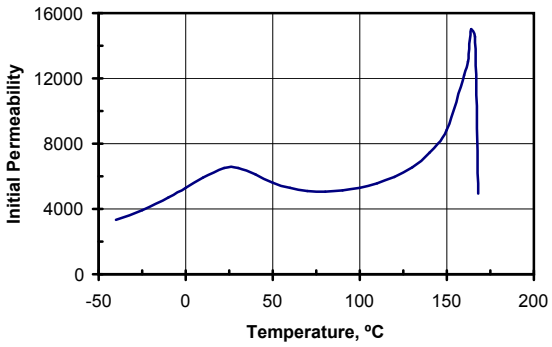
Typical Properties

Initial Permeability	**6500**
Maximum Permeability	**8500**
Saturation Flux Density	**4500 Gauss**
Remanent Flux Density	**800 Gauss**
Coercive Force	**0.08 Oersted**
Curie Temperature	**170ºC**
dc Volume Resistivity	**500 ohm-cm**
Bulk Density	**4.8 g/cc**

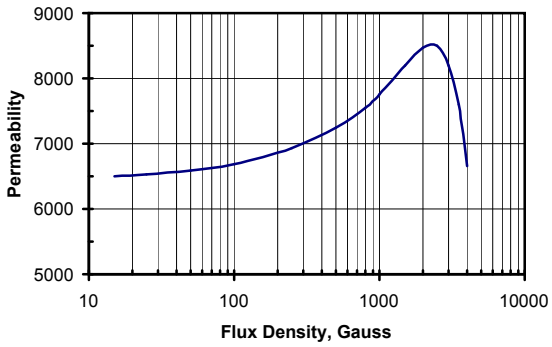
Unless otherwise specified, all tests were performed at 10 KHz, 22ºC

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

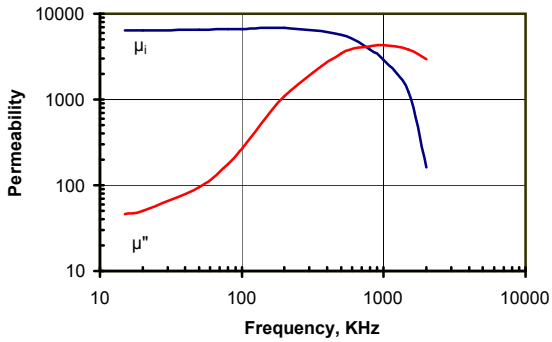
Initial Permeability vs. Temperature



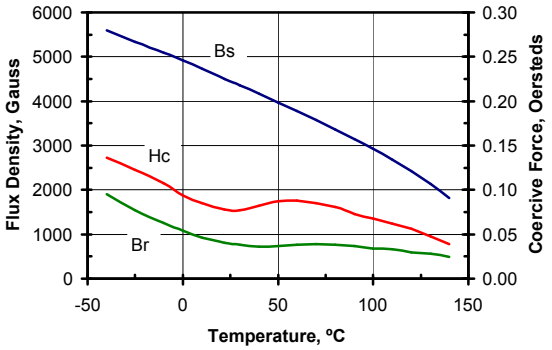
Permeability vs. Flux Density



Complex Permeability vs. Frequency



BH Loop Parameters vs. Temperature



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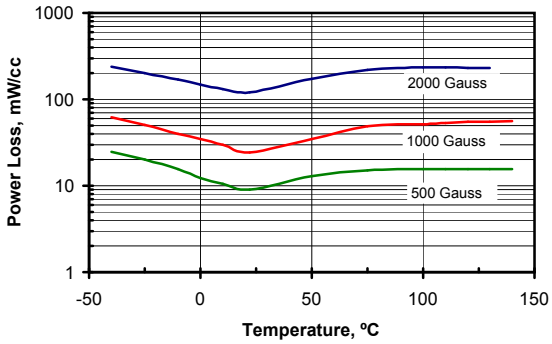
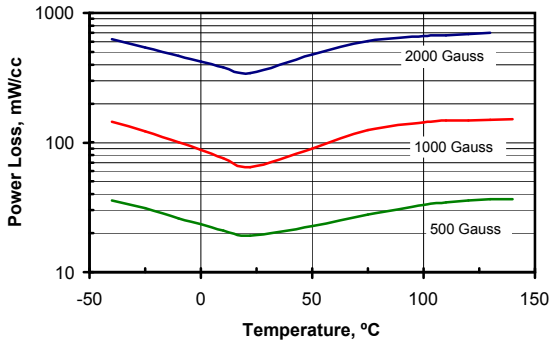
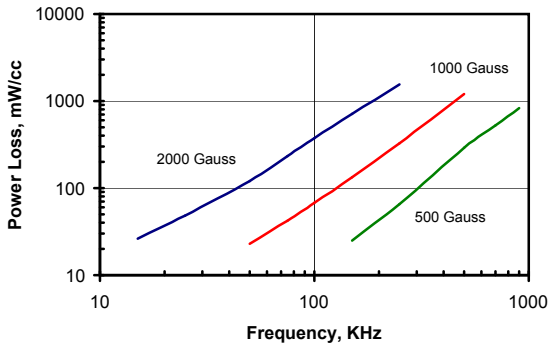
Power Loss vs. Temperature at 50 KHz



Power Loss vs. Temperature at 100 KHz



Power Loss vs. Frequency



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