



MN8CX General Purpose Mn-Zn Ferrite for Linear, Pulse, and Power Applications

The combination of a narrow BH loop, moderately high resistivity, and a stable permeability make this ferrite an excellent choice for operation into the MHz range.

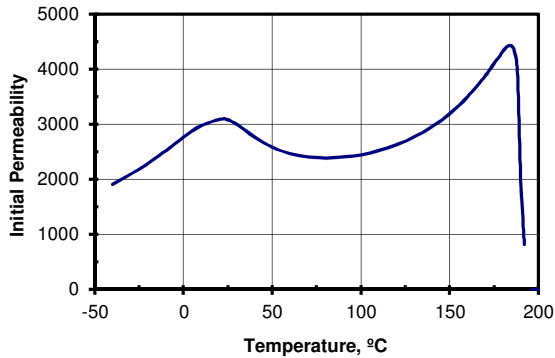
Typical Properties

Initial Permeability	3100
Maximum Permeability	3700
Saturation Flux Density	4500 Gauss
Remanent Flux Density	850 Gauss
Coercive Force	0.20 Oersted
Curie Temperature	195°C
dc Volume Resistivity	1200 ohm-cm
Bulk Density	4.7 g/cc

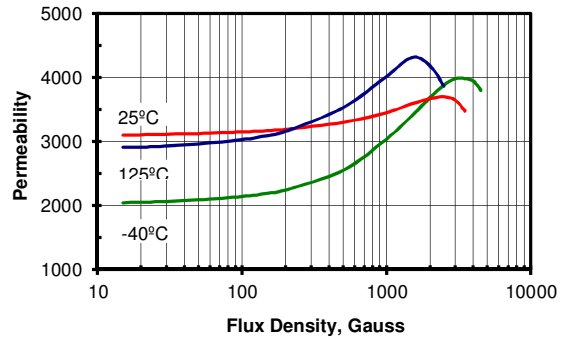
Unless otherwise specified, all tests were performed at 10 KHz, 22°C

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

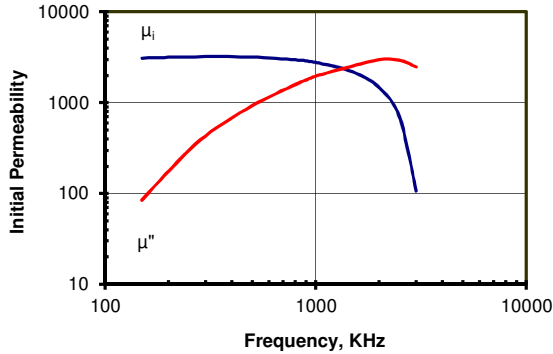
Initial Permeability vs. Temperature



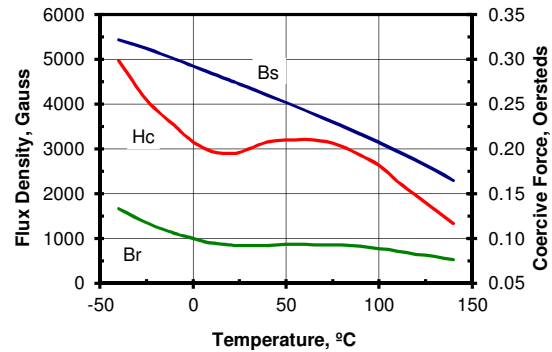
Permeability vs. Flux Density



Complex Permeability vs. Frequency



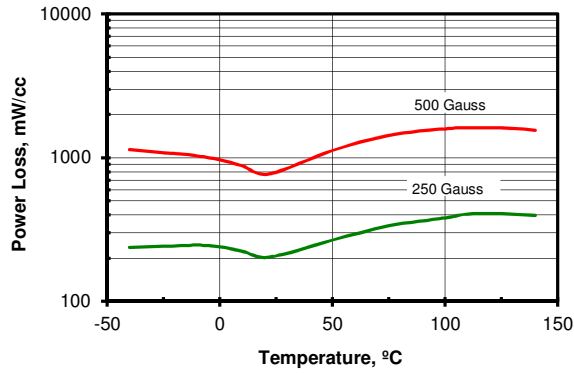
BH Loop Parameters vs. Temperature





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Power Loss vs. Temperature at 1 MHz



Power Loss vs. Frequency

