



MN30 General Purpose Mn-Zn Ferrite

Moderate initial permeability, high Q, and high resistivity permit these ferrites to function very well as inductors, antenna elements, and broadband transformers

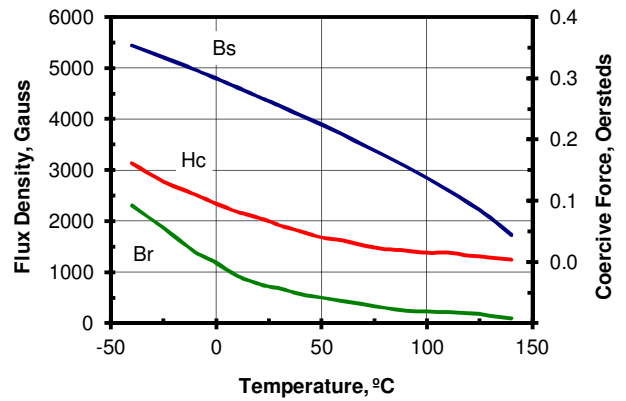
Typical Properties

Initial Permeability	4300
Maximum Permeability	7500
Saturation Flux Density	4400 Gauss
Remanent Flux Density	750 Gauss
Coercive Force	0.07 Oersted
Curie Temperature	170°C
dc Volume Resistivity	150 ohm-cm
Bulk Density	4.75 g/cc

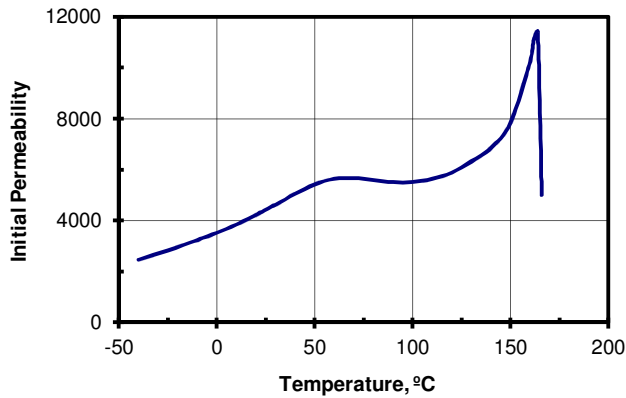
Unless otherwise specified, all tests were performed at 10 KHz, 22°C

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

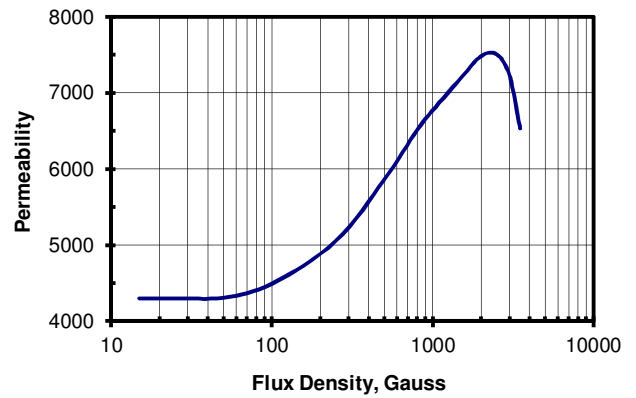
BH Loop Parameters vs. Temperature



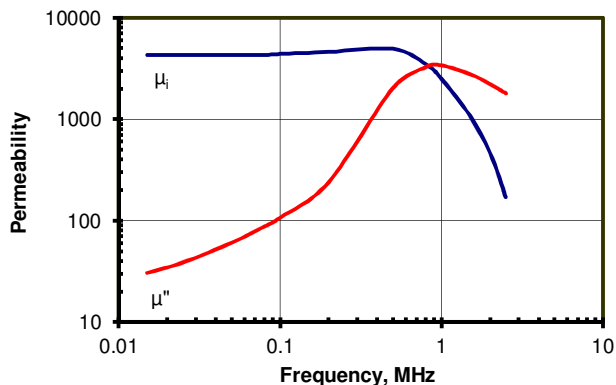
Initial Permeability vs. Temperature



Permeability vs. Flux Density



Complex Permeability vs. Frequency



Power Loss vs. Frequency

