



MN67

High Flux Density Mn-Zn Ferrite

MN67 was developed for high temperature applications. Its' 285°C Curie temperature makes it uniquely suited for operation in ambient conditions of 200°C. It has performed successfully in military power systems, down-hole oil instrumentation, and filter choke power supplies.

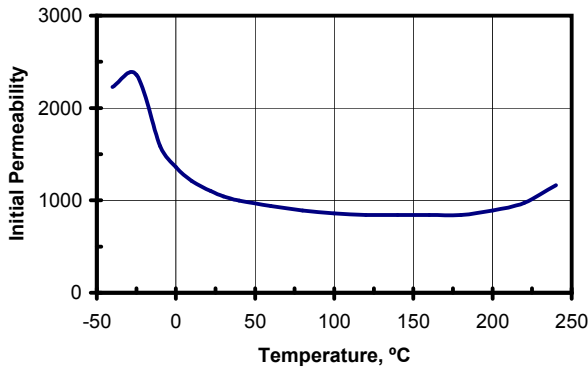
Typical Properties

Initial Permeability	1100
Maximum Permeability	7500
Saturation Flux Density	5250 Gauss
Remanent Flux Density	2100 Gauss
Coercive Force	0.15 Oersted
Curie Temperature	285°C
dc Volume Resistivity	250 ohm-cm
Bulk Density	4.7 g/cc

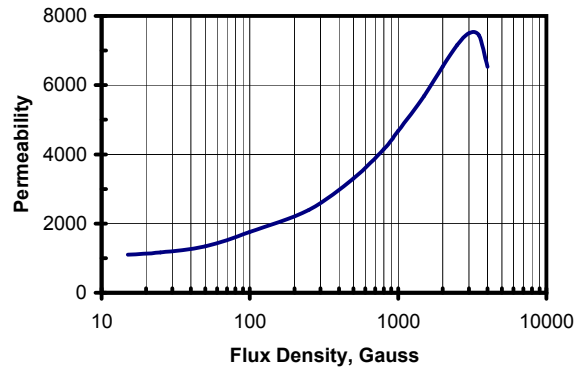
Unless otherwise specified, all tests were performed at 10 KHz, 22°C

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

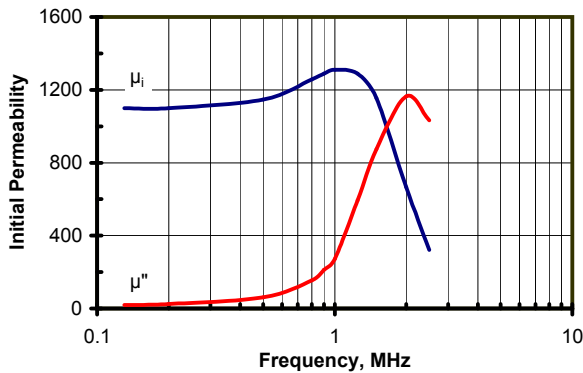
Initial Permeability vs. Temperature



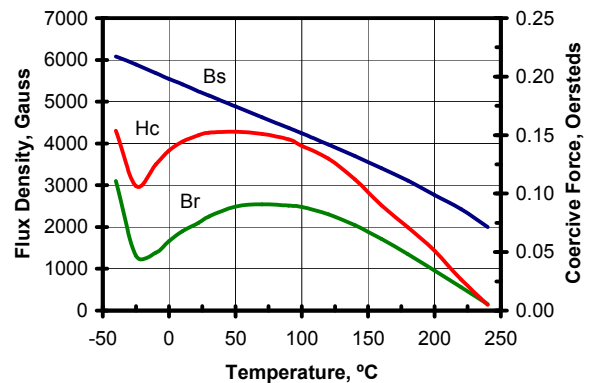
Permeability vs. Flux Density



Complex Permeability vs. Frequency



BH Loop Parameters vs. Temperature

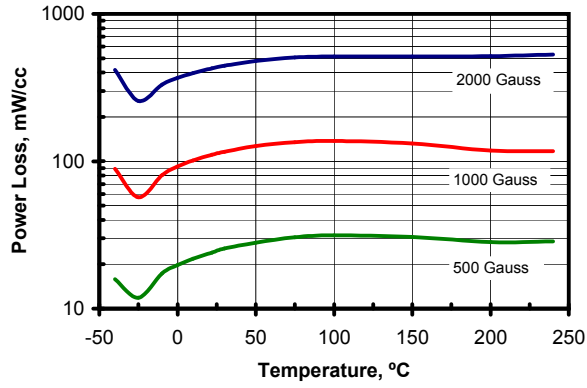




MN67

High Flux Density Mn-Zn Ferrite

Power Loss vs. Temperature at 50 KHz



Power Loss vs. Temperature at 100 KHz

