



XTH2

XTH2 is an 80 permeability Ni-Zn ferrite designed to operate up to 50 MHz and temperatures to 200°C where a high Q is required.

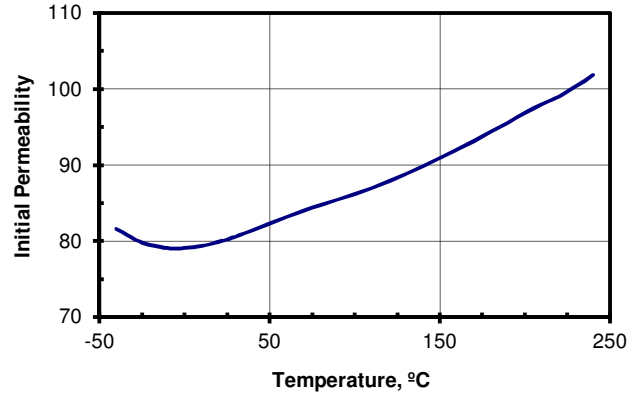
Typical Properties

Initial Permeability	80
Maximum Permeability	440
Saturation Flux Density	3600 Gauss
Remanent Flux Density	1200 Gauss
Coercive Force	2.0 Oersted
Curie Temperature	300°C
dc Volume Resistivity	10⁸ ohm-cm
Bulk Density	4.60 g/cc

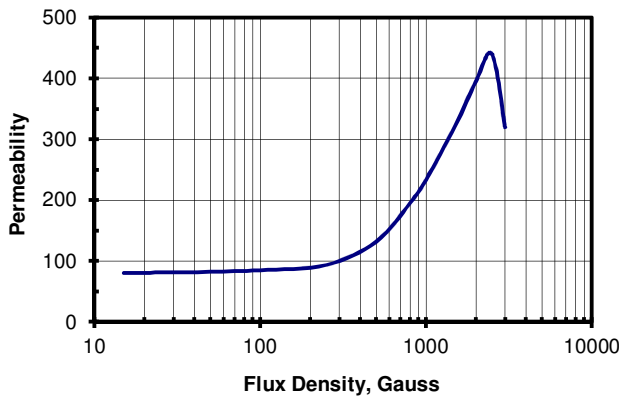
Unless otherwise specified, all tests were performed at 10 KHz, 22°C

Bs tested at 1 KHz, 40 Oersted • Br, Hc at 1 KHz, 5 Oersted

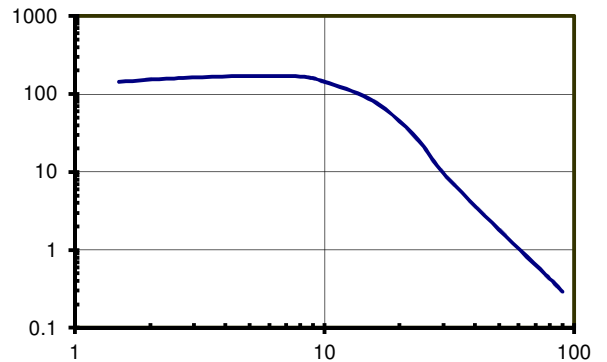
Initial Permeability vs. Temperature



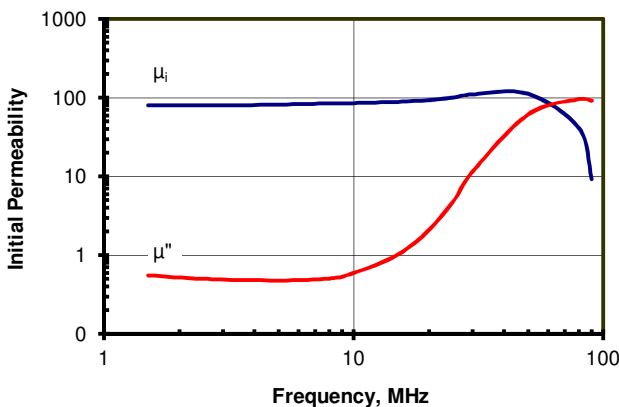
Permeability vs. Flux Density



Quality Factor vs. Frequency



Initial Permeability vs. Frequency



BH Loop Parameters vs. Temperature

