



C2010

High Frequency Ni-Zn Ferrite

C2010 is suitable for broadband transformers, power supplies, and linear amplifiers operating from 10 MHz to over 500 MHz.

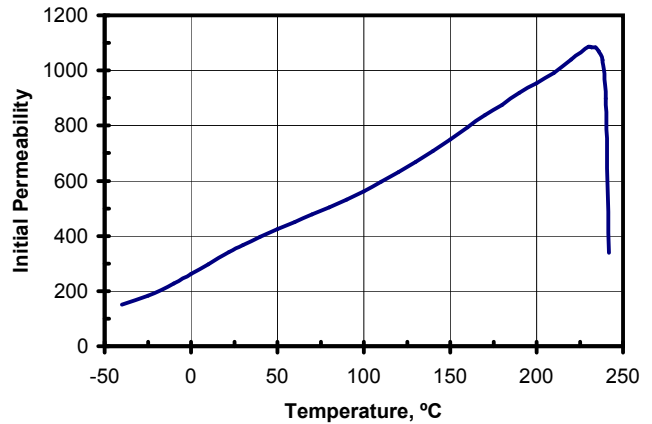
Typical Properties

Initial Permeability	340
Maximum Permeability	1500
Saturation Flux Density	3900 Gauss
Remanent Flux Density	2800 Gauss
Coercive Force	0.7 Oersted
Curie Temperature	245°C
dc Volume Resistivity	10⁷ ohm-cm
Bulk Density	5.0 g/cc

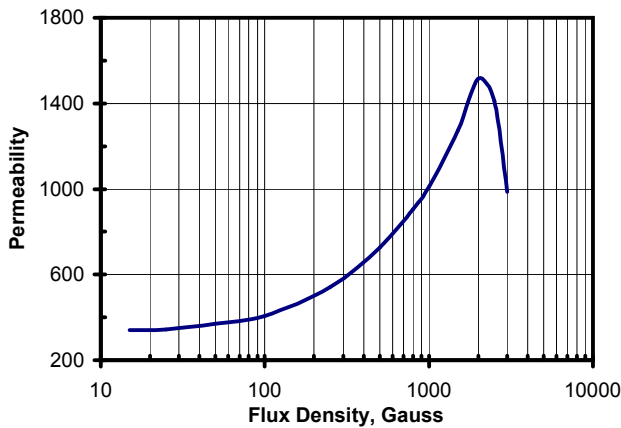
Unless otherwise specified, all tests were performed at 10 KHz, 22°C

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

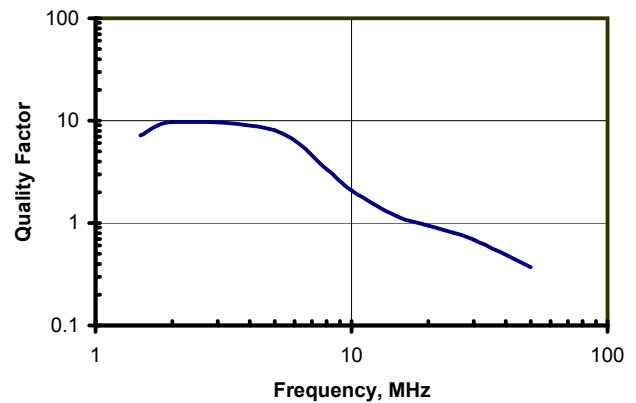
Initial Permeability vs. Temperature



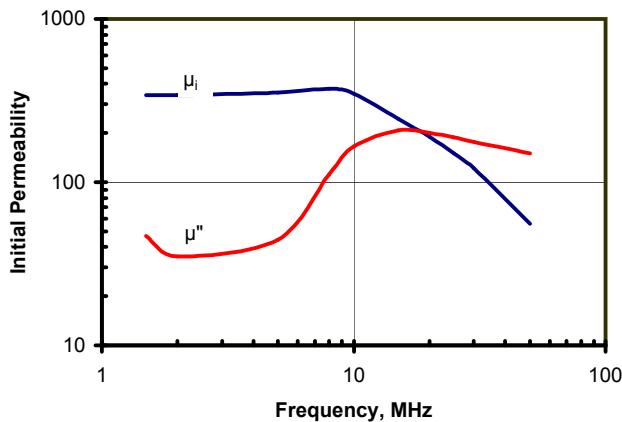
Permeability vs. Flux Density



Quality Factor vs. Frequency



Complex Permeability & μ_i vs. Frequency



BH Loop Parameters vs. Temperature

