



C2075

High Frequency Ni-Zn Ferrite

Typical applications for this general purpose ferrite are Broadband Amplifiers, low end 30 MHz, and H field antennas. Standard core geometries are toroids and baluns for inductive and transmission line coupled transformers.

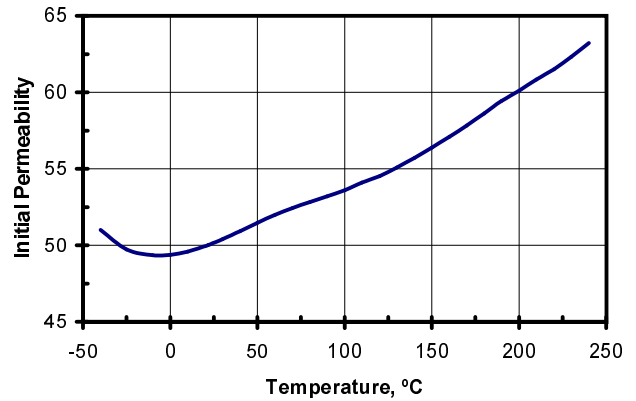
Typical Properties

Initial Permeability	50
Maximum Permeability	270
Saturation Flux Density	3000 Gauss
Remanent Flux Density	950 Gauss
Coercive Force	2.6 Oersted
Curie Temperature	420°C
dc Volume Resistivity	10⁹ ohm-cm
Bulk Density	4.60 g/cc

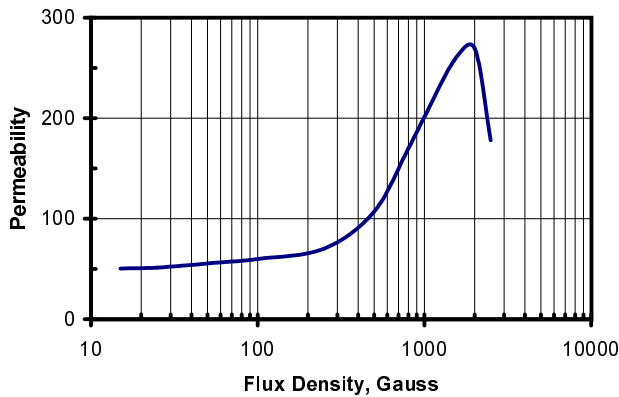
Unless otherwise specified, all tests were performed at 10 KHz, 22°C

B_s tested at 1 KHz, 40 Oersted • B_r, H_c at 1 KHz, 5 Oersted

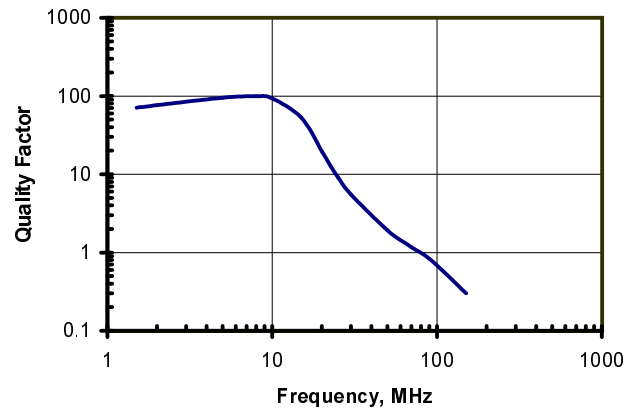
Initial Permeability vs. Temperature



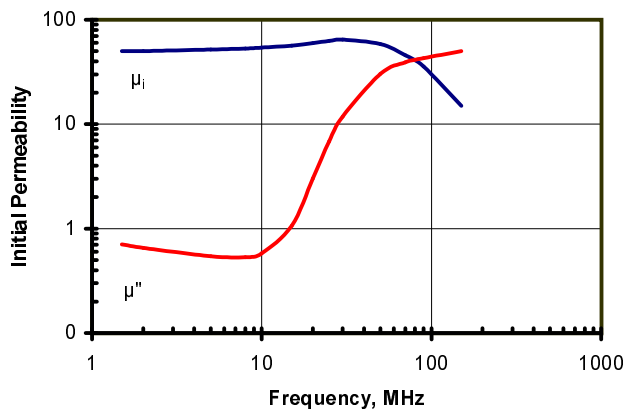
Permeability vs. Flux Density



Quality Factor vs. Frequency



Complex Permeability vs. Frequency



BH Loop Parameters vs. Temperature

