



C2025

High Frequency Ni-Zn Ferrite

C2025 is suitable for broadband transformers, power supplies, and linear amplifiers operating from 10 MHz to 750 MHz.

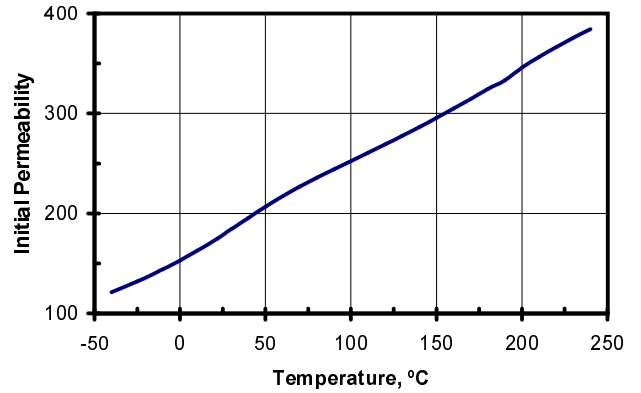
Typical Properties

Initial Permeability	175
Maximum Permeability	850
Saturation Flux Density	3900 Gauss
Remanent Flux Density	2500 Gauss
Coercive Force	1.4 Oersted
Curie Temperature	270°C
dc Volume Resistivity	10¹⁰ ohm-cm
Bulk Density	4.7 g/cc

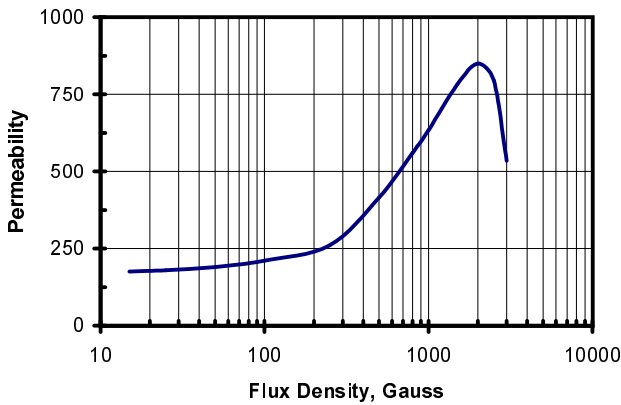
Unless otherwise specified, all tests were performed at 10 KHz, 22°C

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

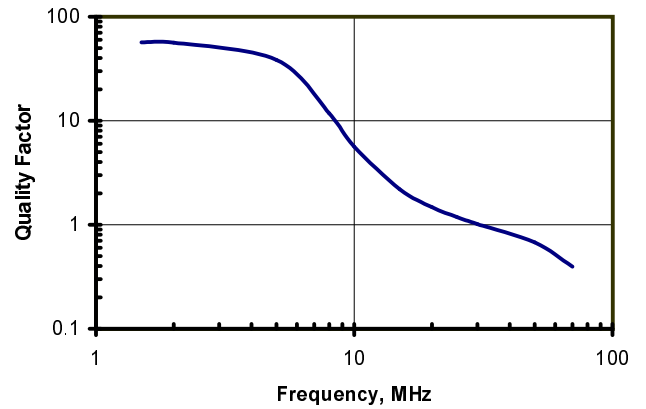
Initial Permeability vs. Temperature



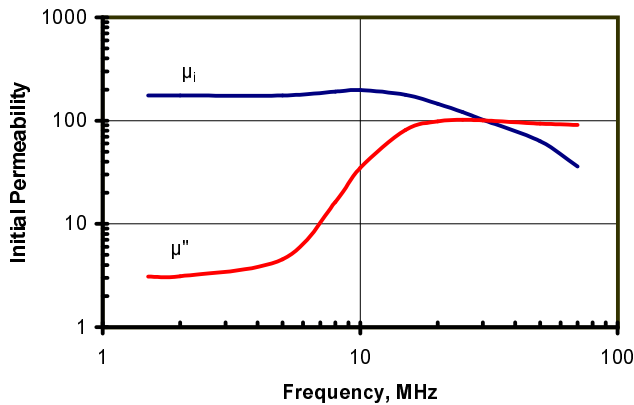
Permeability vs. Flux Density



Quality Factor vs. Frequency



Complex Permeability & μ_i vs. Frequency



BH Loop Parameters vs. Temperature

