



C2025

High Frequency Ni-Zn Ferrite

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

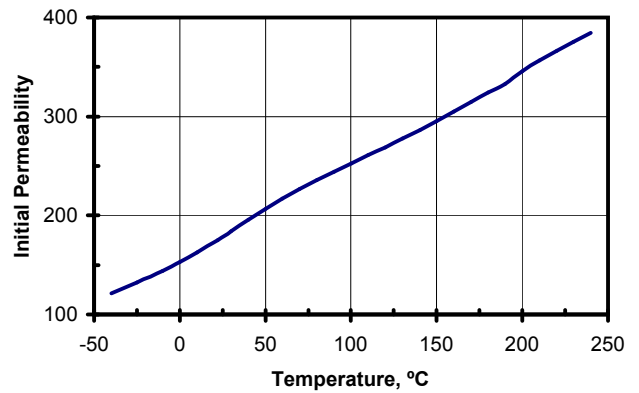
Typical Properties

| | |
|-------------------------|------------------|
| 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 | 10^{10} ohm-cm |
| Bulk Density | 4.7 g/cc |

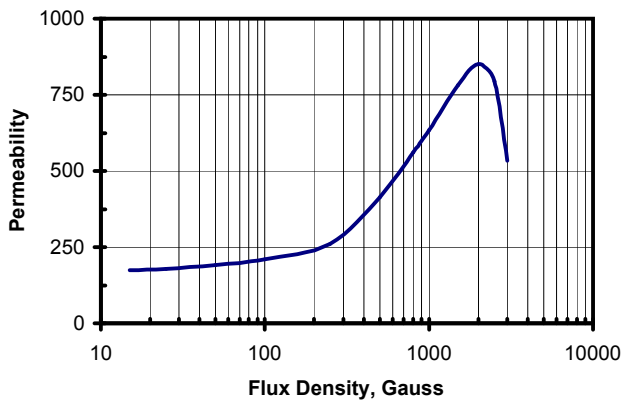
Unless otherwise specified, all tests were performed at 10 KHz, 22°C

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

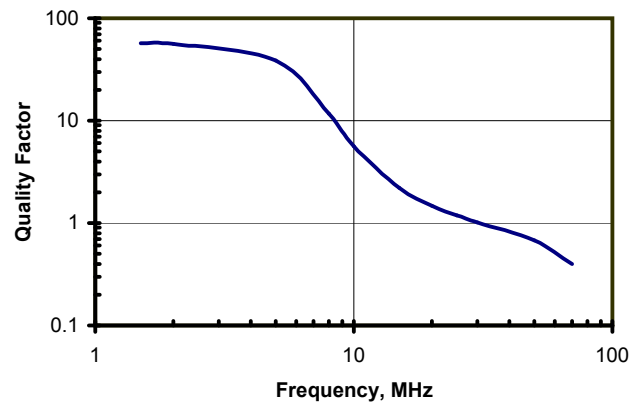
Initial Permeability vs. Temperature



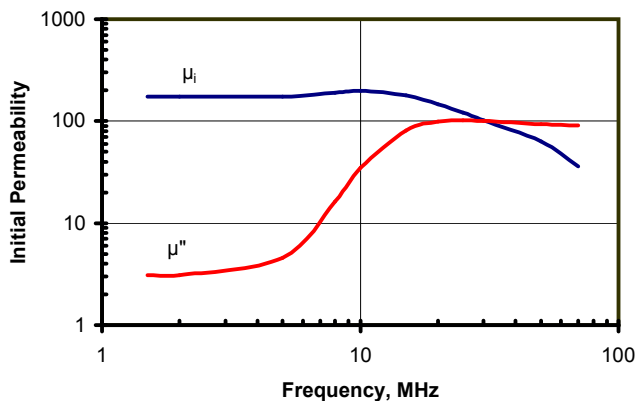
Permeability vs. Flux Density



Quality Factor vs. Frequency



Complex Permeability & μ_i vs. Frequency



BH Loop Parameters vs. Temperature

