



CN20

Moderate Frequency Ni-Zn Ferrite

*CN20 was designed to meet the frequency requirements of 0.5 to 30 MHz.
This material is suitable for applications in broad band linear transformers for RF amplifiers,
hybrid transformers and EMP suppression.*

Typical Properties

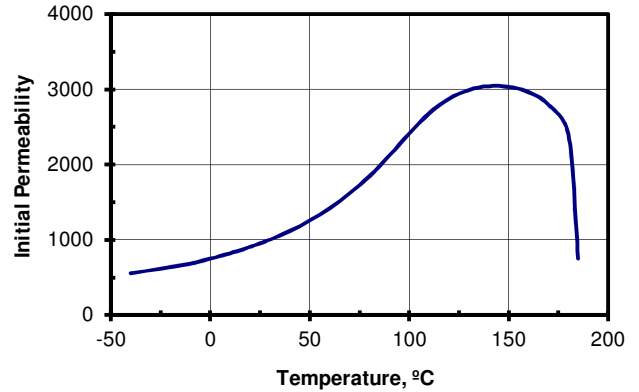
Initial Permeability	925 *
Maximum Permeability	5000
Saturation Flux Density	4000 Gauss
Remanent Flux Density	2600 Gauss
Coercive Force	0.20 Oersted
Curie Temperature	185°C
dc Volume Resistivity	10¹⁰ ohm-cm
Bulk Density	5.24 g/cc

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

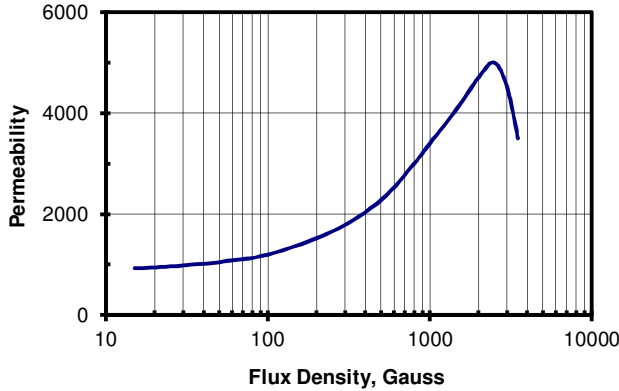
B_s tested at 1 KHz, 20 Oersted • B_r, H_c at 1 KHz, 5 Oersted

* Press/Tumble/Sintered parts < 0.75 OD have Initial Permeability of 800

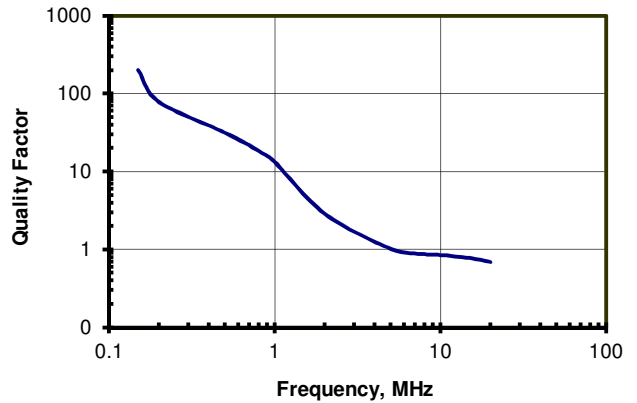
Initial Permeability vs. Temperature at 500 KHz



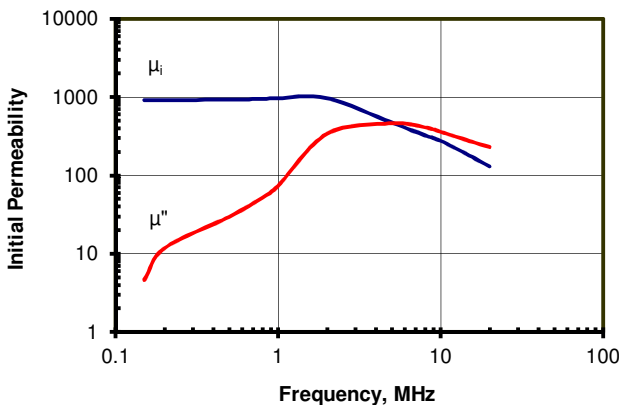
Permeability vs. Flux Density



Quality Factor vs. Frequency



Complex Permeability vs. Frequency



BH Loop Parameters vs. Temperature

