



# CMD908

## Ultra-High Density Ni-Zn Ferrite

*This material is a fine-grained, full dense, hot iso pressed Ni-Zn ferrite formally used for recording head applications. Today it is used in wear-resistant applications where a 100% dense Ni-Zn ferrite is required.*

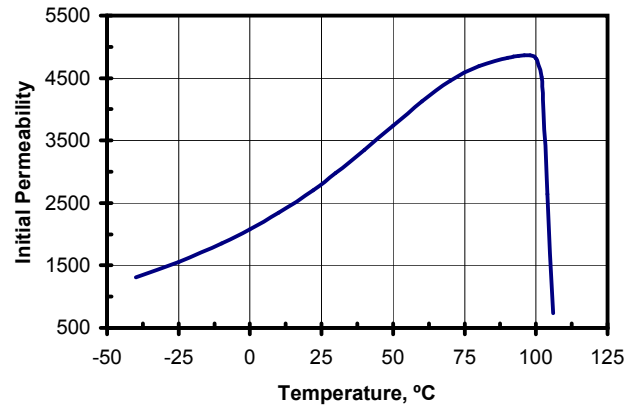
### Typical Properties

Initial Permeability	2700
Maximum Permeability	7800
Saturation Flux Density	3200 Gauss
Remanent Flux Density	900 Gauss
Coercive Force	0.06 Oersted
Curie Temperature	105°C
dc Volume Resistivity	10 <sup>6</sup> ohm-cm
Bulk Density	5.33 g/cc

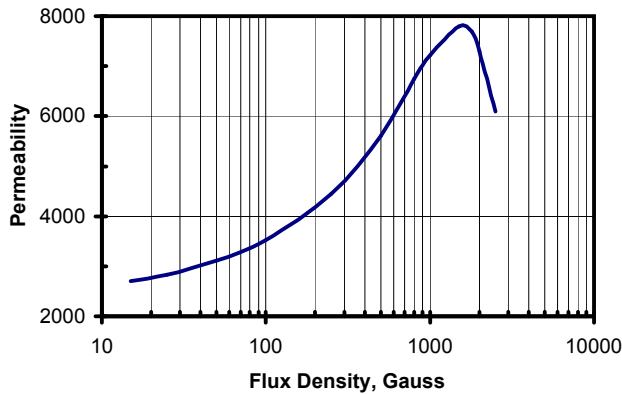
Unless otherwise specified, all tests were performed at 10 KHz, 22°C

Bs tested at 1 KHz, 20 Oersted • Br, Hc at 1 KHz, 5 Oersted

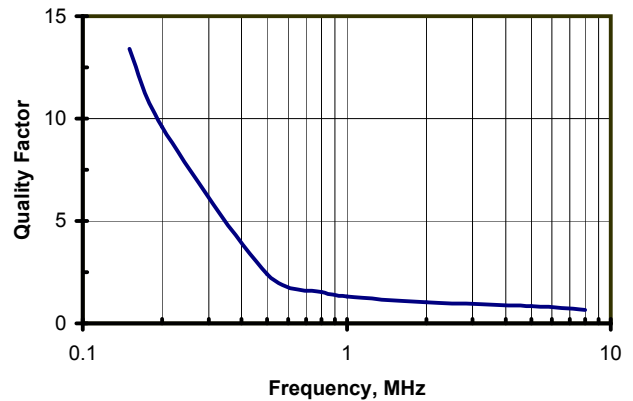
### Initial Permeability vs. Temperature



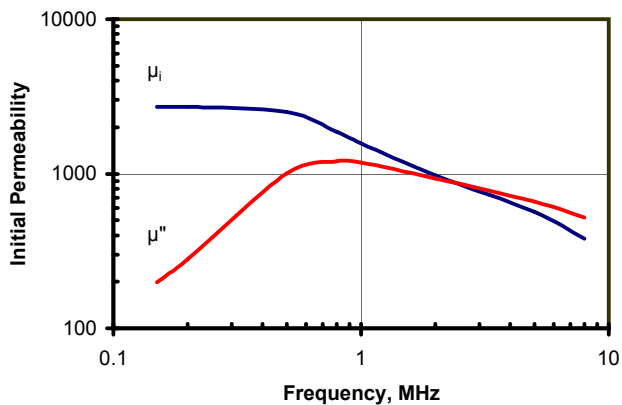
### Permeability vs. Flux Density



### Quality Factor vs. Frequency



### Initial Permeability vs. Frequency



### BH Loop Parameters vs. Temperature

