



## MN8TC

*MN8TC is a Mn-Zn ferrite with a low change in permeability at low temperatures.  
Useful as door-closure sensors on aircraft.*

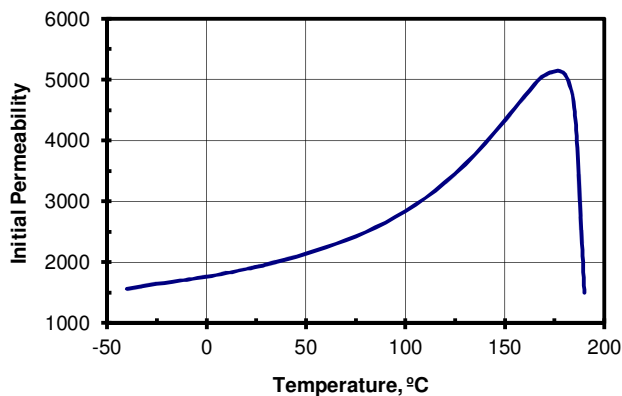
### Typical Properties

Initial Permeability	1900
Maximum Permeability	6000
Saturation Flux Density	4600 Gauss
Remanent Flux Density	1750 Gauss
Coercive Force	0.15 Oersted
Curie Temperature	185°C
dc Volume Resistivity	10 <sup>3</sup> ohm-cm
Bulk Density	4.5 g/cc

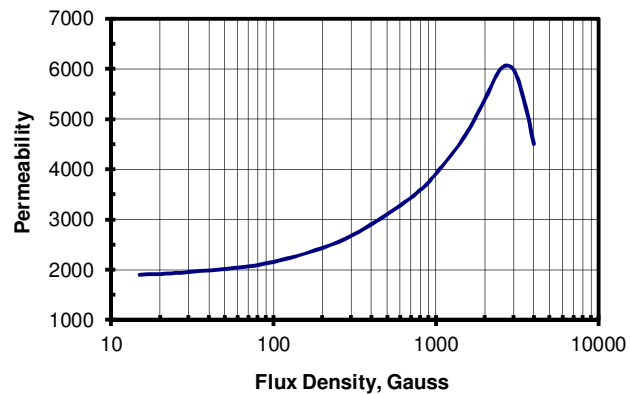
*Unless otherwise specified, all tests were performed at 10 KHz, 22°C*

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

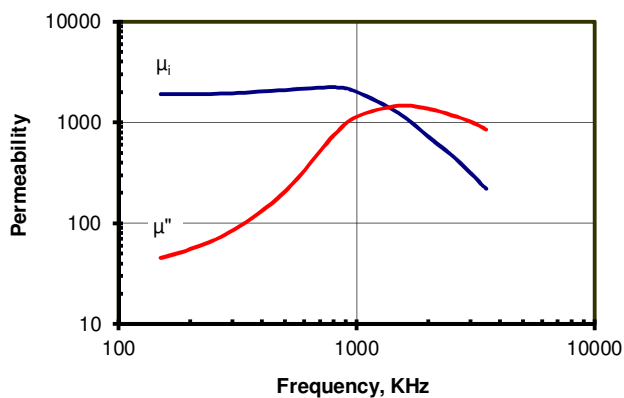
Initial Permeability vs. Temperature



Permeability vs. Flux Density



Complex Permeability vs. Frequency



BH Loop Parameters vs. Temperature

