

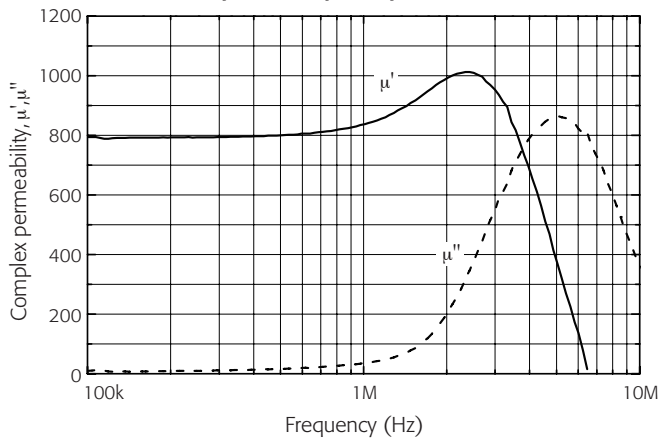
Material Characteristics

Ni-Zn Material

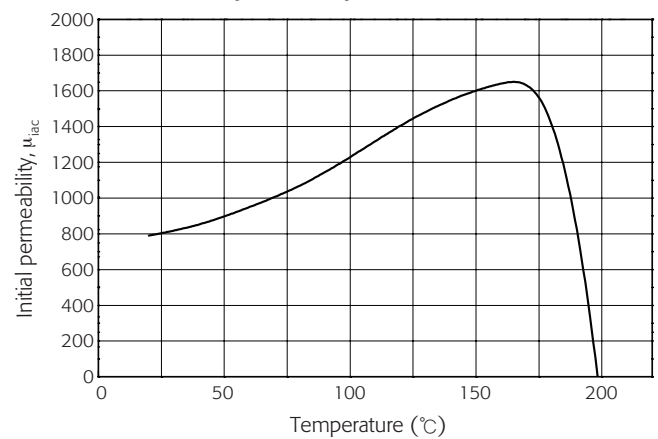
Material	SN-08L			
Initial permeability	μ_{iac}			800 ±20%
Relative loss factor	$\tan\delta/\mu_{iac}$	$\times 10^{-6}$	25°C	20 (0.1MHz)
Core loss	P _{cv}	kW/m ³	50kHz, 150mT, 140°C	280
			100kHz, 100mT, 140°C	315
Saturation flux density (1194A/m)	B _s	mT	25°C	380
Remanence	B _r	mT	25°C	300
Coercivity	H _c	A/m	25°C	20
Curie Temperature	T _c	°C		>190
Density	d	kg/m ³		5.0×10 ³
Resistivity	ρ	MΩ·m	25°C	>2.0

Note : 1) Typical values
2) The values were obtained with toroidal cores(30X8-20H) at room temperature unless indicated otherwise

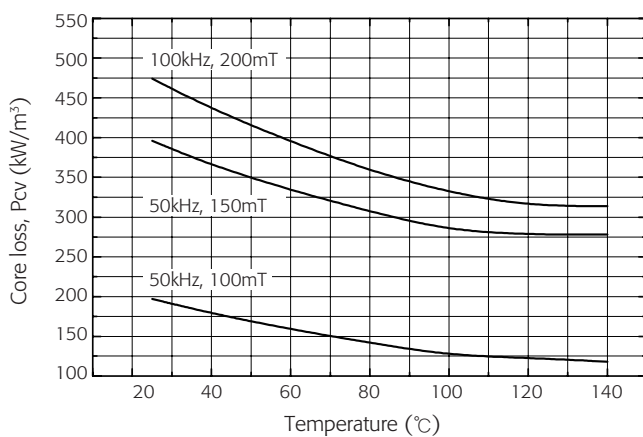
Permeability vs. Frequency



Permeability vs. Temperature



Core loss vs. Temperature



Bm vs. Hm

