

LF32材料特性
LF32 Material Characteristics

材料特性 Material Characteristics	单位 Unit		LF32
起始磁导率 μ_i Initial Permeability			3000±25%
饱和磁通密度 B_s Saturation Magnetic Flux Density @H=1194A/m	mT	25°C	400
剩余磁通密度 B_r Remanence Flux Density	mT	25°C	200
矫顽力 H_c Coercivity	A/m	25°C	15
比损耗因子 $\tan\delta/\mu_i$ Relative Loss Factor @f=100kHz	$\times 10^{-6}$	25°C	50
居里温度 T_c Curie Temperature	°C		140
密度 d Density	kg/m^3		4.80×10^3

注：以上为T25*15*8标环的典型值。

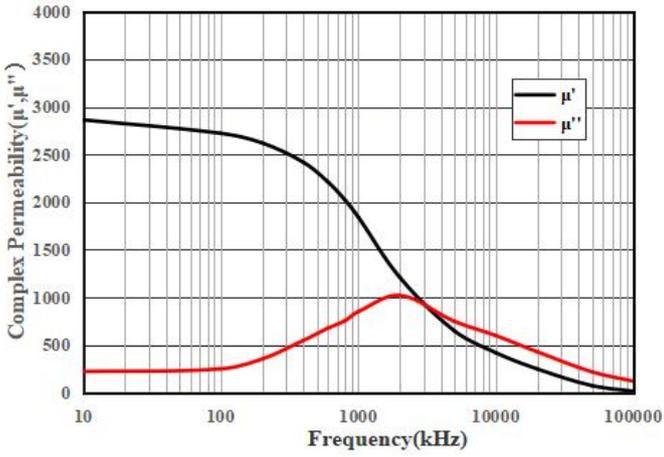


Fig.1 Complex Permeability vs. Frequency

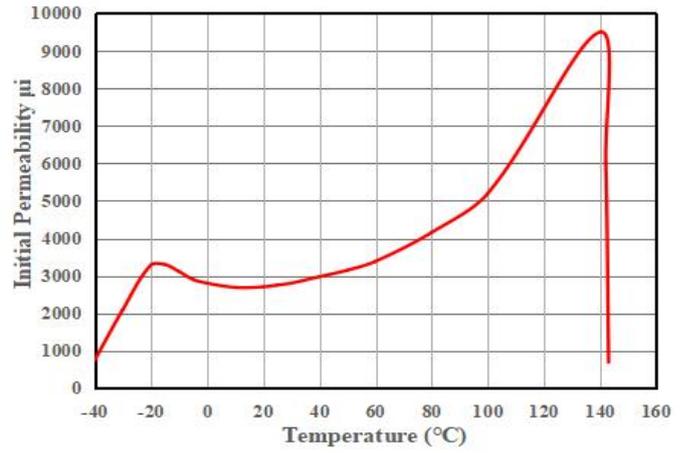


Fig.2 Permeability vs. Temperature

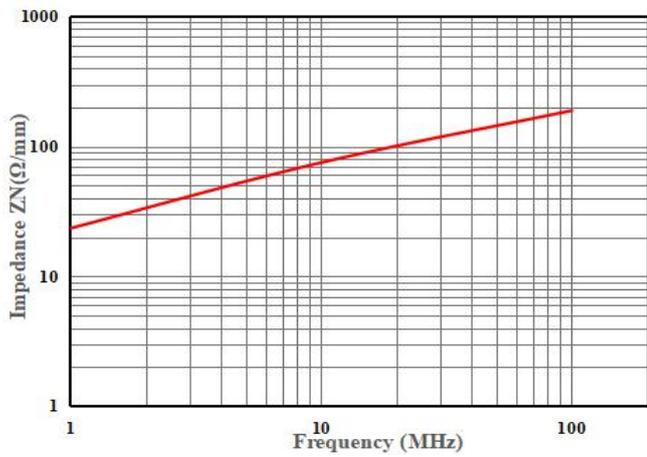


Fig.3 Impedance vs. Frequency

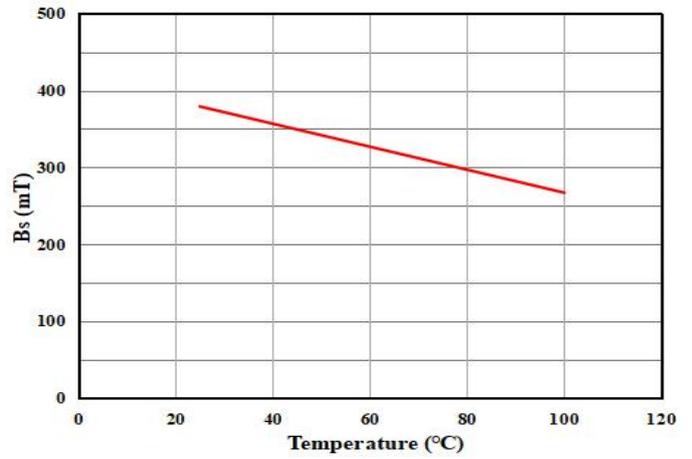


Fig.4 Flux Density vs. Temperature