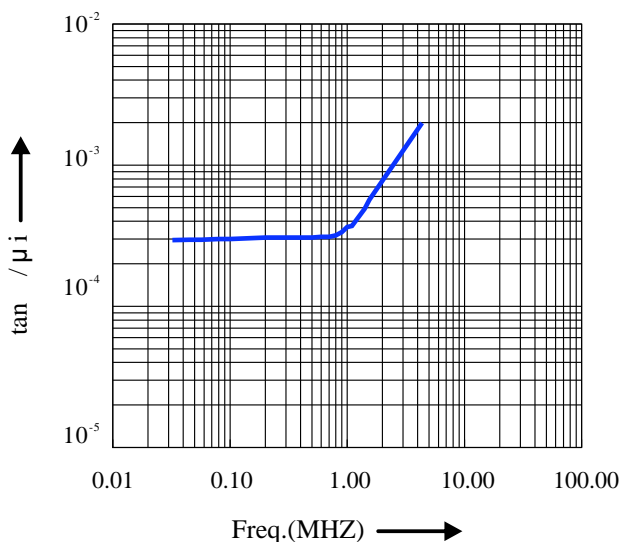




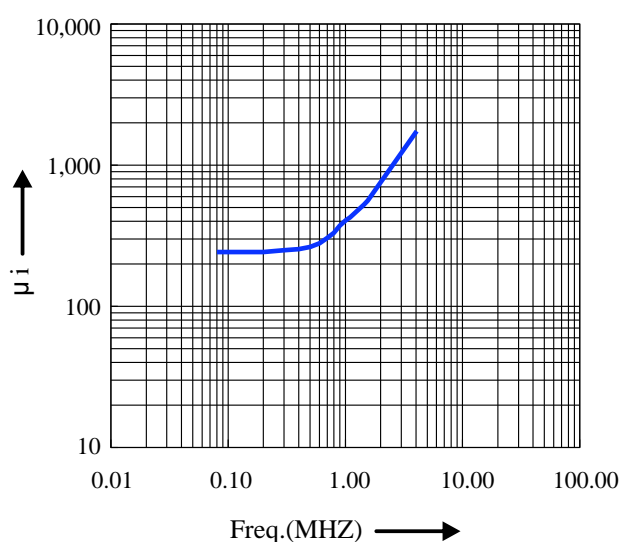
材料特性 MAGNETIC PROPERTIES OF MATERIAL

Characteristics	Practical Frequency	Initial Permeability	Saturation Magnetic Flux Density	Curie Temperature	Specific Gravity	Relative Loss Factor	Relative Temperature Coefficient
Material 特性	使用頻率	初透磁率	飽和磁束密度	居里溫度	比重	比損耗因子	初透磁率比溫度系數
材質	ft(MHZ)	μ_{iac}	BS(gauss)	T.C()	d(g/cm ³)	$\tan \delta / \mu_i$ (x10 ⁻⁶ /MHZ)	$\frac{\mu_r}{20 \sim 70}$ (x10 ⁻⁶)
Y5E	20-120	20 ±5%	1950	>250	4.9	<500 100	2-10

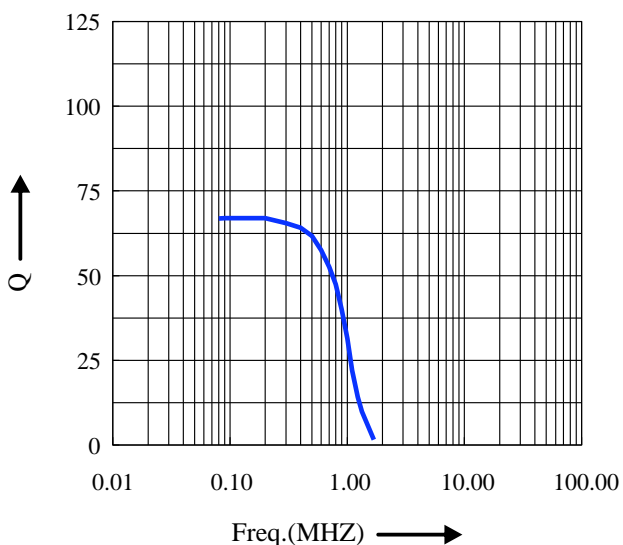
Loss factor vs Frequency



Initial permeability vs Frequency



Quality Factor vs Frequency



Inductance change to a function of Temperature

