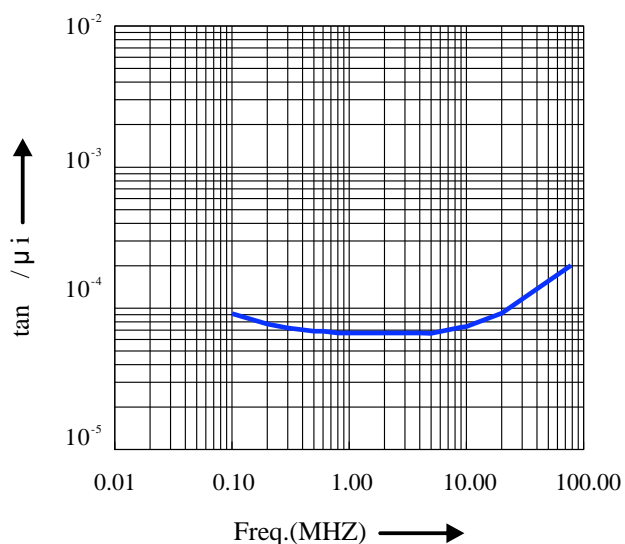


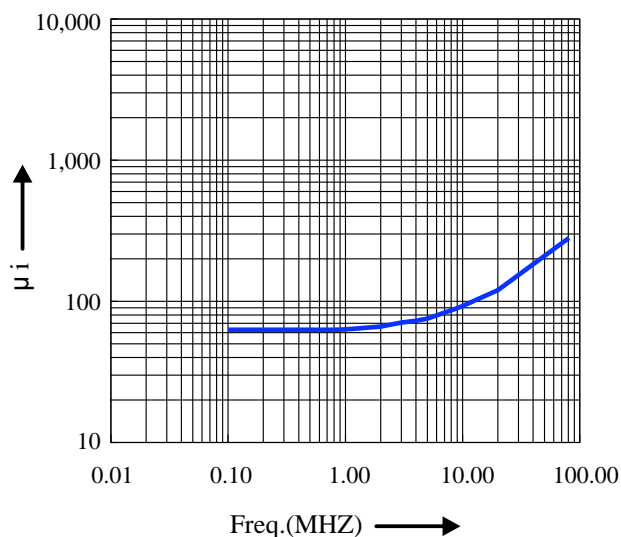
# 材料特性 MAGNETIC PROPERTIES OF MATERIAL

Characteristics Material 特性 材質	Practical Frequency 使用頻率 ft(MHZ)	Initial Permeability 初透磁率 $\mu_{iac}$	Saturation Magnetic Flux Density 飽和磁束密度 BS(gauss)	Curie Temperature 居里溫度 T.C( )	Specific Gravity 比重 $d(g/cm^3)$	Relative Loss Factor 比損耗因子 $\tan \delta / \mu_i$ ( $\times 10^{-6}/MHZ$ )	Relative Temperature Coefficient 初透磁率比溫度系數 $\frac{\mu_r}{20 \sim 70}$
Y9	0.5-30	65 $\pm$ 5%	3400	>300	4.8	<280 0.5	25-65

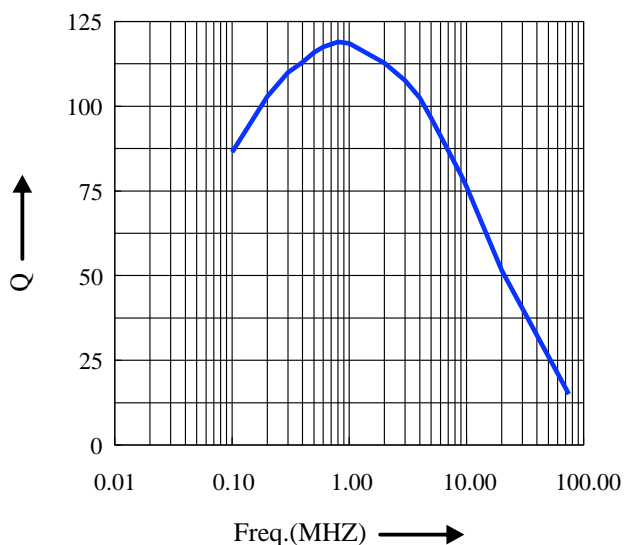
Loss factor vs Frequency



Initial permeability vs Frequency



Quality Factor vs Frequency



Inductance change to a function of Temperature

