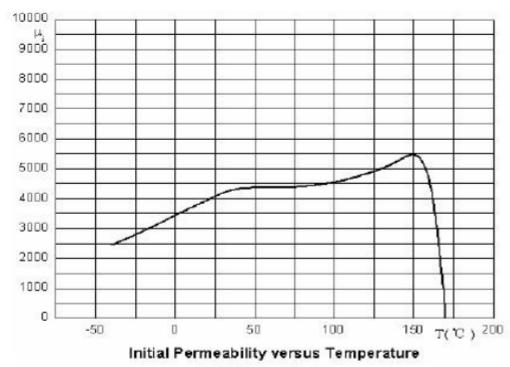


YR36DC

材料: YR36DC
特点: 低比损耗因子
低磁滞损耗系数

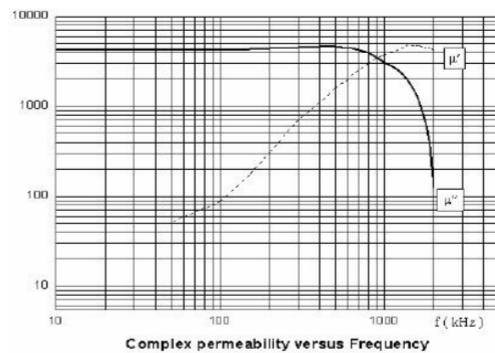
Material: YR36DC
Features: Low relative loss factor
Low hysteresis material constant

材质 Material	YR36DC		
初始磁导率 Initial permeability	μ_i		4000±25%
比损耗系数 Relative loss factor	$\tan\delta/\mu_i \times 10^{-6}$		<3.5 (10kHz)
<hr/>			
饱和磁通密度 Saturation magnetic flux density (H=1194A/m)	Bs	mT	450
<hr/>			
剩余磁通密度 Remanent flux density	Br	mT	
<hr/>			
矫顽力 Coercive force	Hc	A/m	6.5
<hr/>			
比温度系数 Relative temperature coefficient (20~60°C)	$\alpha_{\mu r}$	$\times 10^{-6}/^{\circ}\text{C}$	
<hr/>			
比磁滞损耗系数 Hysteresis material constant 25°C,10kHz,1.5~3mT	η_B	$\times 10^{-6}/\text{mT}$	<0.8
<hr/>			
居里温度 Curie temperature	Tc	°C	>150
<hr/>			
电阻率 Electrical resistivity	ρ	$\Omega \cdot \text{m}$	0.65
<hr/>			
密度 Density	d	g/cm^3	4.85



Initial Permeability versus Temperature

磁导率与温度关系



Complex permeability versus Frequency

磁 谱 曲 线