

参数(Parameter)	符号(Symbol)	单位(Uint)	测试条件(Condition)			MT103
			Freq.	Fluxden.	Temp.	
初始磁导率 (Initial IPermeability)	$\mu_i$	/	10kHz	50mV	23°C	10000±30%
相对损耗因子 (Relative Loss Factor)	$\tan\delta/\mu$	$10^{-6}$	10kHz	50mV	23°C	<10
			100kHz	50mV	23°C	<60
饱和磁通密度 (Saturation Flux Density)	$B_s$	mT	50Hz	1194A/m	23°C	400
					100°C	240
剩磁 (Residual Flux Density)	$B_r$	mT	50Hz	1194A/m	23°C	140
					100°C	120
温度系数 (Temperature Factor of Permeability)	$\alpha_F$	$10^{-6}/^\circ\text{C}$	10kHz	50mV	0~20°C	0~1.5
					20~70°C	-0.5~1
居里温度 (Curie Temperature)	$T_c$	°C				120
电阻率 (Electrical Resistivity)	$\rho$	$\Omega\text{m}$				0.1
密度 (Density)	$d$	$\text{g}/\text{cm}^3$				4.95

说明:以上性能采用  $\varnothing 13.4 \times \varnothing 6.7 \times 5.4$  磁环, 在不加外力的情况下测试, 不同产品在特性表现上略有差异。

Note: Measured on sintered, non-ground ring cores of dimensions  $\varnothing 13.4 \times \varnothing 6.7 \times 5.4$  which are not subjected to external stresses. Product specification will differ from these data due to the influence of geometry and size.

