

参数(Parameter)	符号(Symbol)	单位(Uint)	测试条件(Condition)			MT502
			Freq.	Fluxden.	Temp.	
初始磁导率 (Initial lPermeability)	μ_i	/	10kHz	50mV	23°C	5000±25%
相对损耗因子 (Relative Loss Factor)	$\tan\delta/\mu$	10^{-6}	10kHz	50mV	23°C	<4
			100kHz	50mV	23°C	<15
饱和磁通密度 (Saturation Flux Density)	B_s	mT	50Hz	1194A/m	23°C	420
					100°C	260
剩磁 (Residual Flux Density)	B_r	mT	50Hz	1194A/m	23°C	80
					100°C	70
温度系数 (Temperature Factor of Permeability)	α_F	$10^{-6}/^\circ\text{C}$	10kHz	50mV	0~20°C	0~2
					20~70°C	0~2
居里温度 (Curie Temperature)	T_c	$^\circ\text{C}$				150
电阻率 (Electrical Resistivity)	ρ	Ωm				0.2
密度 (Density)	d	g/cm^3				4.95

说明:以上性能采用 $\varnothing 25 \times \varnothing 15 \times 10$ 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 $\varnothing 25 \times \varnothing 15 \times 10$ which are not subjected to external stresses. Product specification will differ from these data due to the influence of geometry and size.

