

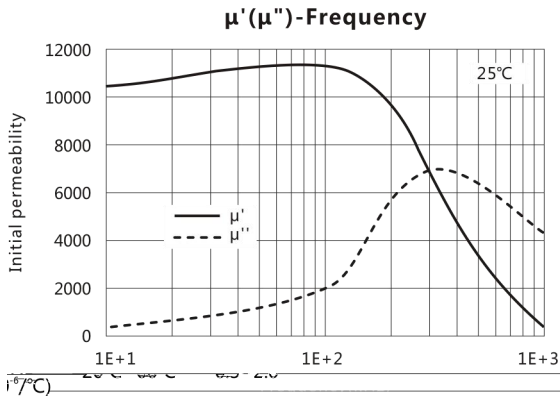
材料 Ma a TS10

特点 F a

高磁导率 约 μ_i 25°C 10000±30%

低比损耗因子 $\tan\delta/\mu_i$ 100kHz $< 30 \times 10^{-6}$

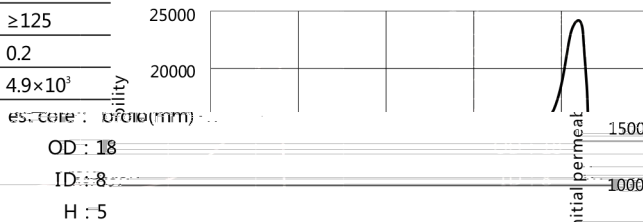
频率特性优良 μ' -Frequency



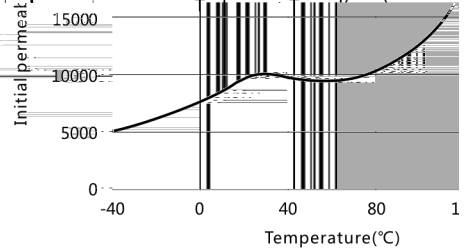
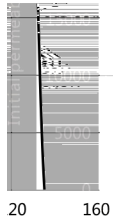
Initial permeability	μ_i	25°C	10000±30%
Saturation magnetic flux density	Bs(mT)	25°C	380
Remanent	Br(mT)	25°C	120
Coercivity	Hc(A/m)	25°C	6
Relative loss factor 100kHz	$\tan\delta/\mu_i$		$< 30 \times 10^{-6}$
Relative temperature coefficient	$\alpha_{\mu i}$	20°C~60°C	-0.5~2.0

1~10min	< 2.0
≥ 125	
0.2	
4.9×10^3	

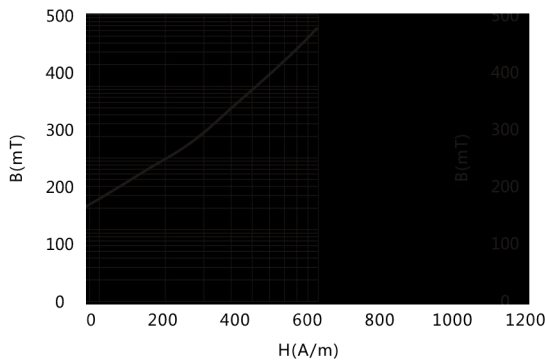
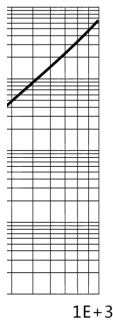
μ_i -Temperature



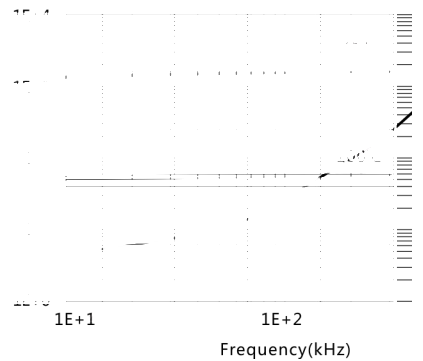
Disaccommodation factor	D_F	$(\times 10)$
Curie temperature	T_c (°C)	
Electrical resistivity	$\rho(\Omega \cdot \text{cm})$	
Density	$d(\text{kg}/\text{cm}^3)$	



B-H



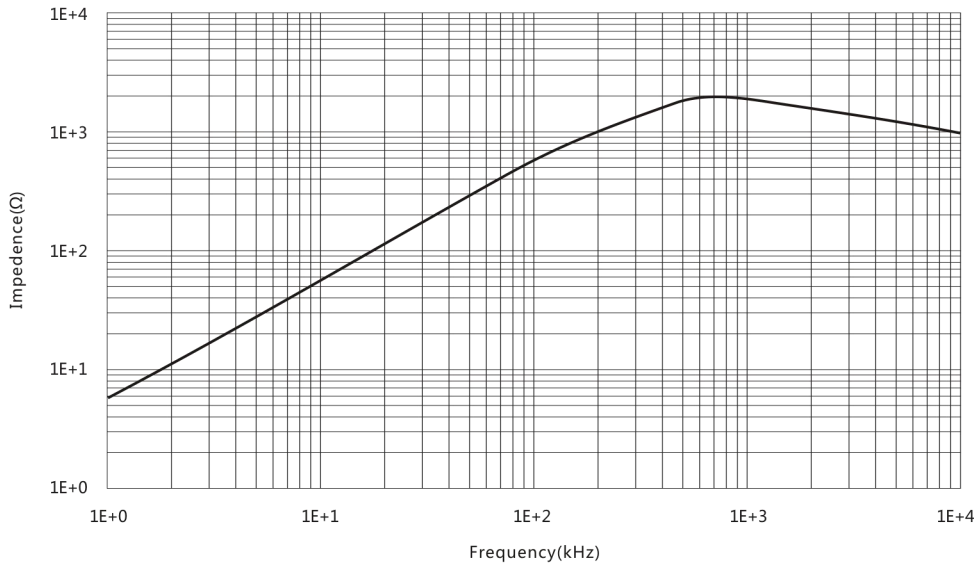
$\tan\delta/\mu_i$ -Frequency



材料 Ma a TS10

Z-Frequency

N=10TS、Φ 0.35mm、T=25°C



Bs-Temperature

H=1194A/m

