

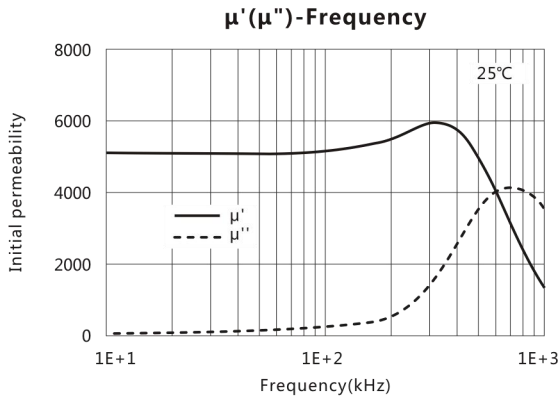
材料 Ma a TS5

特点 F a

高磁导率 约 μ_i 25°C 5500±30%

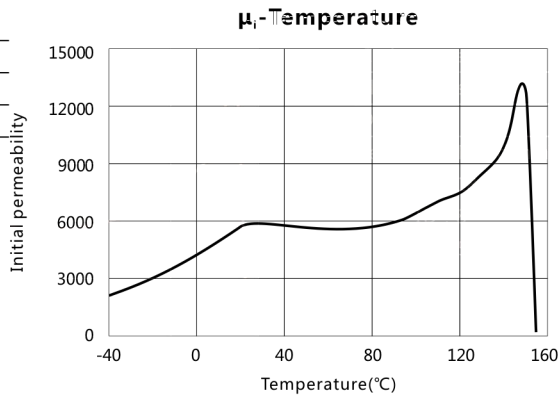
低比损耗因子 $\tan\delta/\mu_i$ 100kHz $< 10 \times 10^{-6}$

频率特性优良 μ_i -Frequency



Initial permeability	μ_i	25°C	5500±30%
Saturation magnetic flux density	Bs(mT)	25°C	410
	1194A/m		
Remanent	Br(mT)	25°C	70
Coercivity	Hc(A/m)	25°C	6
Relative loss factor 100kHz	$\tan\delta/\mu_i$ ($\times 10^{-6}$)		< 10
Relative temperature coefficient	α_{μ_i} ($\times 10^{-6}/^\circ\text{C}$)	20°C~60°C	-0.5~2.0

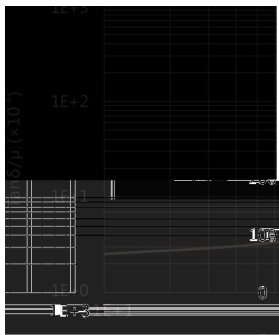
1~10min	< 3.0
	≥ 150
	1
	4.8×10^3



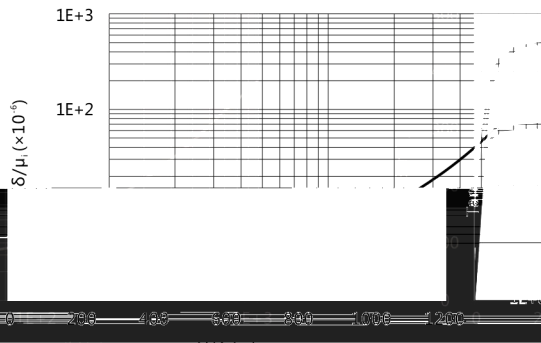
Disaccommodation factor	μ_i ($\times 10^{-6}$)
Curie temperature	Tc(°C)
Electrical resistivity	$\rho(\Omega\cdot\text{m})$
Density	d(kg/r)

Test core : Toroid(mm)
 OD : 18
 ID : 8
 H : 5

B-H



$\tan\delta/\mu_i$ -Frequency

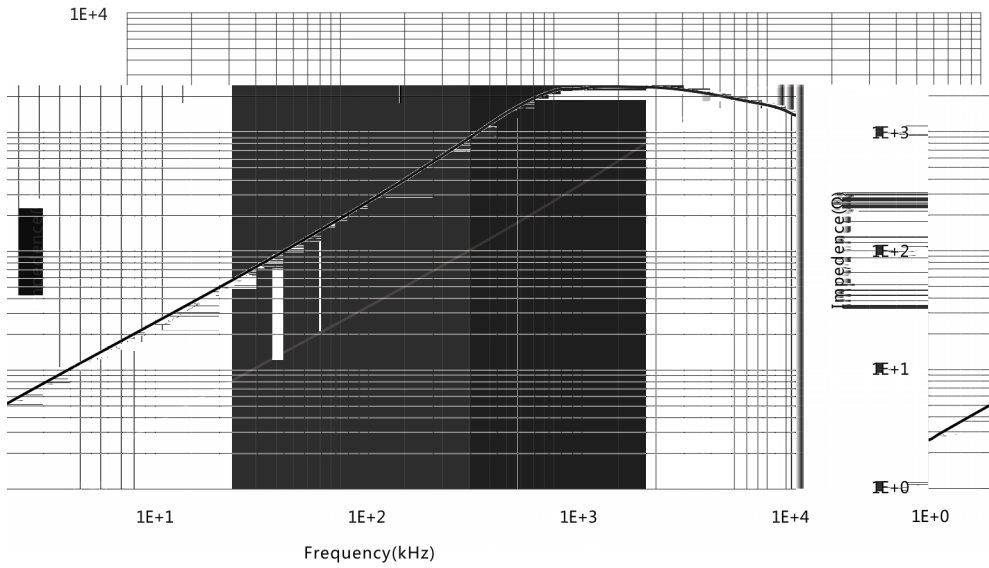


	25°C
	100°C

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Z-Frequency

N=10TS, Φ 0.35mm, T=25°C



Bs-Temperature

H=1194A/m

