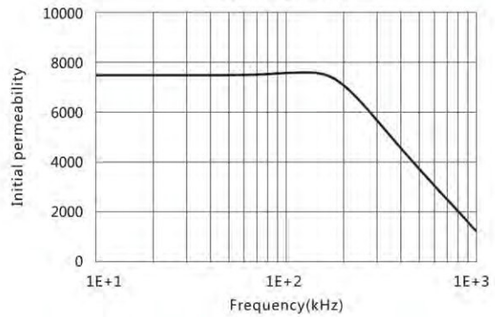
Material: TS7

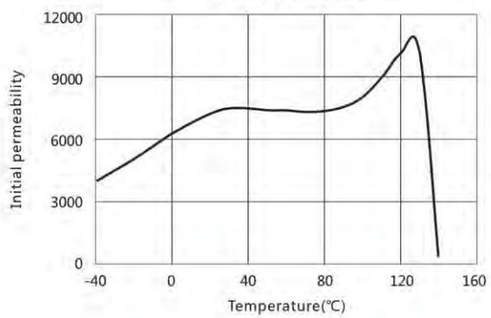
Features:

1. (7500) / High Initial Permeability(About 7500)
2. Low Relative Loss Factor
3. The Initial Permeability vs Frequency Characteristic is Good

μ_i-Frequency



μ_i-Temperature



Initial permeability	μ_i	25℃	7500±30%
Saturation magnetic flux density	Bs(mT) 1194A/m	25℃	410
Remanent	Br(mT)	25℃	80
Coercivity	Hc(A/m)	25℃	6
Relative loss factor 100kHz	$\tan\delta/\mu_i$ ($\times10^{-6}$)		< 20
Relative temperature coefficient	$\alpha_{\mu ir}$ ($\times10^{-6}$/℃)	20℃~60℃	-0.5~2.0
Disaccommodation factor	D_F ($\times10^{-6}$)	1~10min	< 2.5
Curie temperature	Tc(℃)		≥125
Electrical resistivity	ρ(Ω·m)		0.3
Density	d(kg/m^3)		4.8×10^3

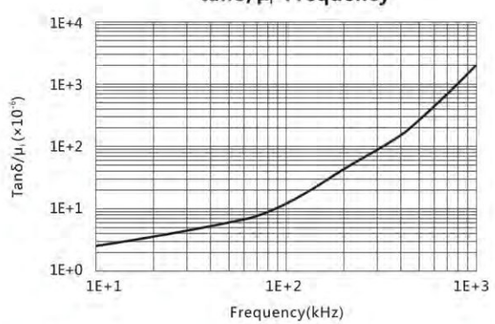
Test core : Toroid(mm)

OD : 18

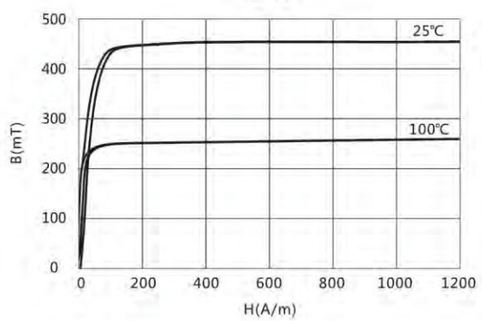
ID : 8

H : 5

$\tan\delta/\mu_i$-Frequency



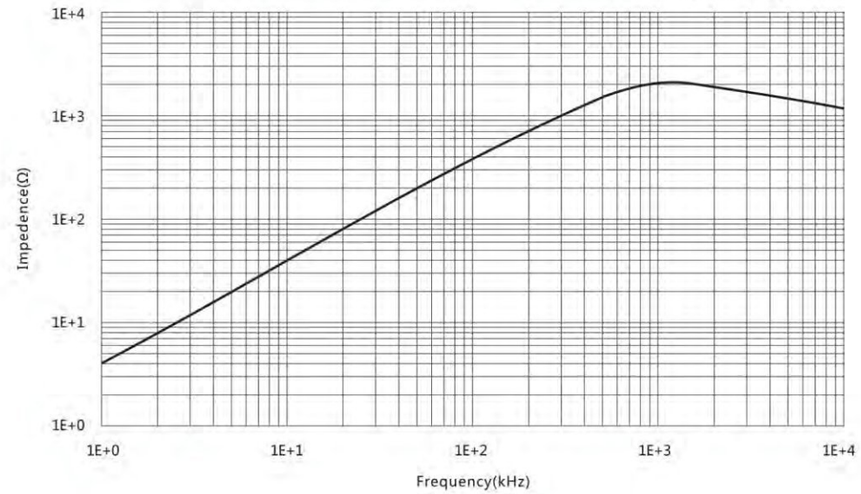
B-H



Material: TS7

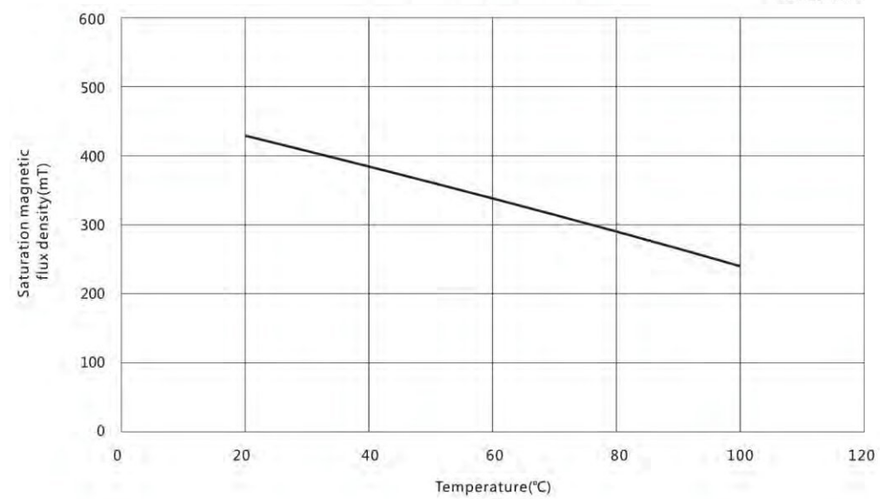
Z-Frequency

N=10TS、Φ0.35mm、T=25℃



Bs-Temperature

H=1194A/m



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