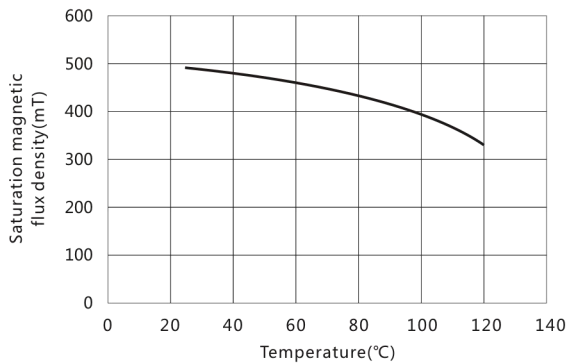


# 材料 / Material: TD3

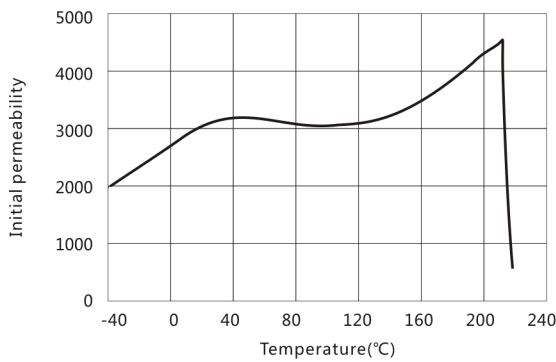
## 特点 / Features:

1. 高饱和磁感应强度 / High Saturation Flux Density
2. 较高的初始磁导率 / High Initial Permeability
3. 低磁心损耗 / Low Core Loss

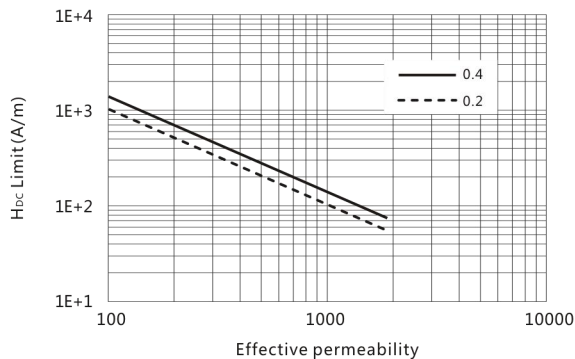
**Bs-Temperature**



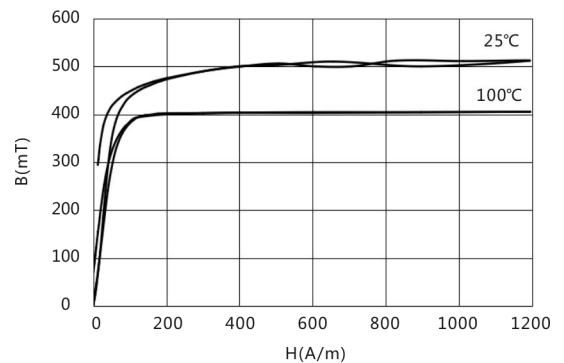
**$\mu_i$ -Temperature**



**Hdc Limit- $\mu_e$**



**B-H**



Initial permeability	$\mu_i$	25°C	3200±25%
Saturation magnetic flux density	$B_s$ (mT)	25°C	490
		100°C	390
Remanent flux density	$B_r$ (mT)	25°C	100
		100°C	80
Coercivity	$H_c$ (A/m)	25°C	16
		100°C	12
Relative loss factor	$\tan\delta/\mu_i$	25°C 10kHz	< 3.0
	( $\times 10^{-6}$ )	25°C 10kHz	< 4.5
Core loss	$P_{cv}$ (kW/m <sup>3</sup> )	25°C	380
		100kHz 200mT 100°C	660
Curie temperature	$T_c$ (°C)		≥200
Electrial resistivity	$\rho$ (Ω·m)		1
Density	$d$ (kg/m <sup>3</sup> )		$4.8 \times 10^3$

Test core : Toroid(mm)

Od : 31

ID : 19

H : 6