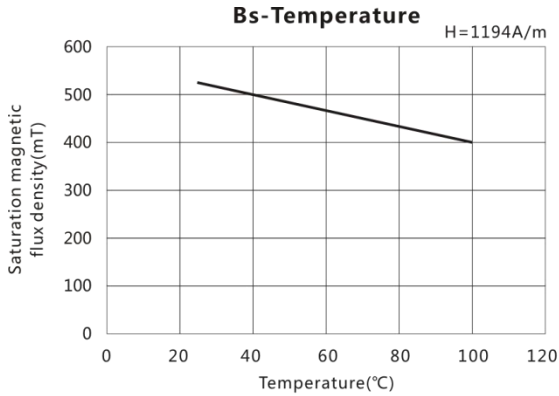


# 材料 / Material: TPG30

## 特点 / Features:

1. 低磁心损耗，高饱和磁感应强度 / Low Core Loss and High Saturation Flux Density
2. 损耗最低的温度点约在80°C / The Temperature Point of the Lowest Core Loss is 80°C



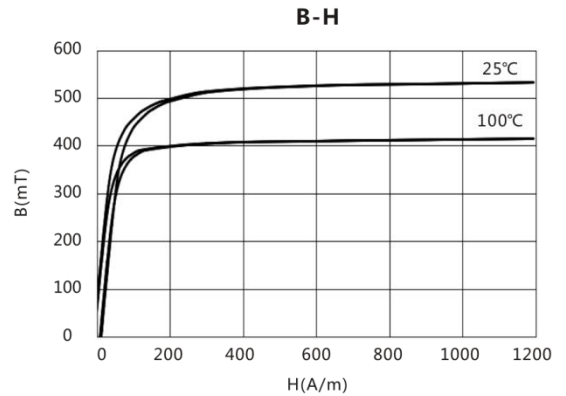
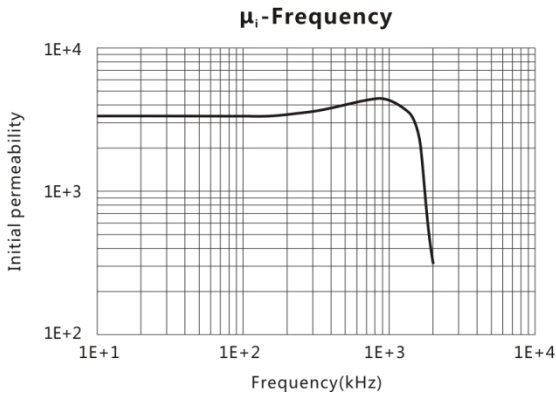
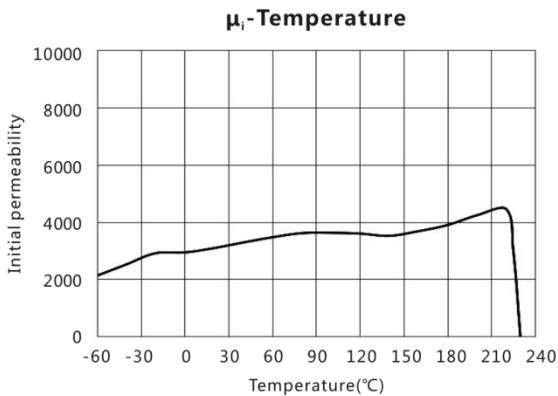
Initial permeability	$\mu_i$	25°C	3000±25%
Saturation magnetic flux density	Bs(mT)	25°C	530
		100°C	425
Remanence	Br(mT)	25°C	100
		100°C	75
Coercivity	Hc(A/m)	25°C	15
		100°C	12
Core loss	Pcv(kW/m³)	0°C	380
		25°C	330
		100°C	350
		120°C	380
Curie temperature	Tc(°C)	≥225	
Electrical resistivity	$\rho(\Omega\cdot m)$	4	
Density	d(kg/m³)	4.8×10³	

Test core : Toroid(mm)

OD : 25

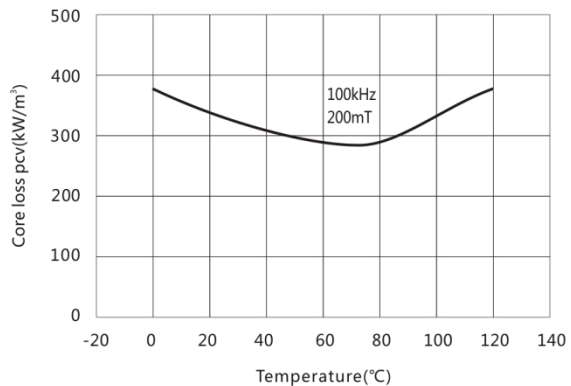
ID : 15

H : 7.5

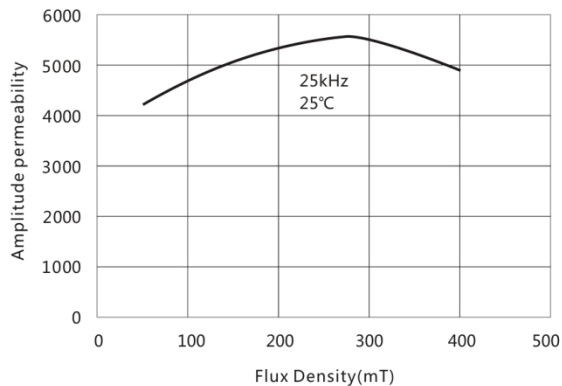


# 材料 / Material: TPG30

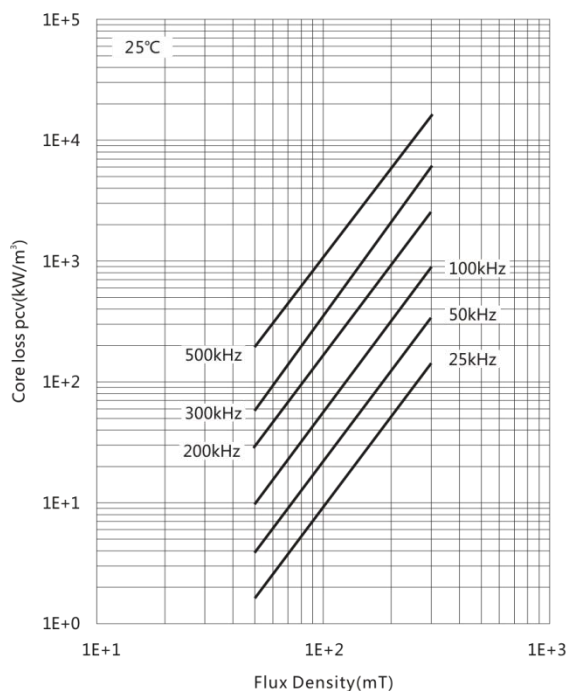
**P<sub>cv</sub>-Temperature**



**μ<sub>a</sub>-B<sub>m</sub>**



**P<sub>cv</sub>-B<sub>m</sub>**



**P<sub>cv</sub>-B<sub>m</sub>**

