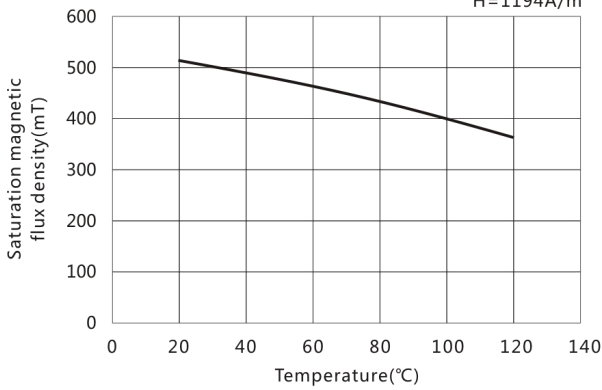


材料 / Material: TP4A

特点 / Features:

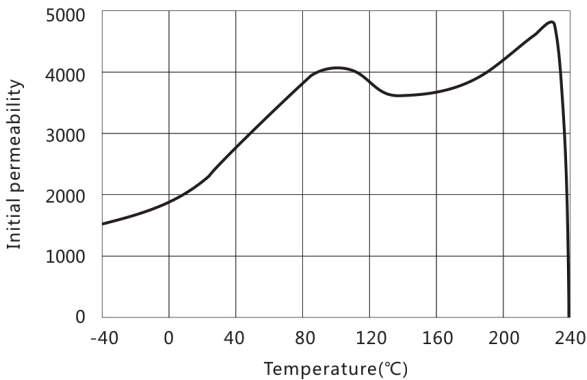
1. 主要应用于中频段(小于300kHz) / Mostly Used at Middle Frequency(Less than 300kHz)
2. 低磁心损耗, 高饱和磁感应强度 / Low Core Loss and High Saturation Flux Density
3. 损耗最低的温度点约在90°C / The Temperature Point of the Lowest Core Loss is 90°C

Bs-Temperature



Initial permeability	μ_i	25°C	2400±25%
Saturation magnetic flux density	B_s (mT)	25°C	510
		100°C	390
Remanence	B_r (mT)	25°C	110
		100°C	60
Coercivity	H_c (A/m)	25°C	13
		100°C	6.5
Core loss	P_{cv} (kW/m ³) 100kHz 200mT	25°C	600
		100°C	300
		120°C	400
Curie temperature	T_c (°C)	≥215	
Electrical resistivity	ρ (Ω·m)	6.5	
Density	d (kg/m ³)	4.8×10 ³	

μ_i -Temperature



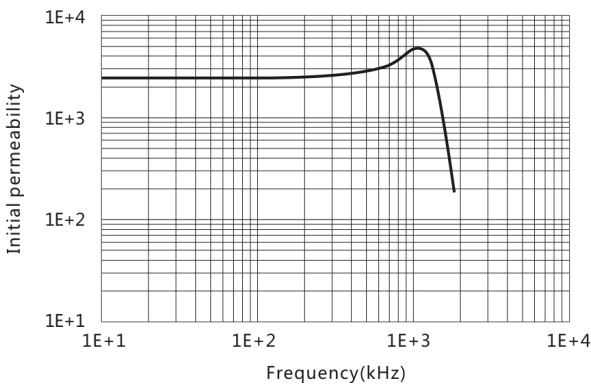
Test core : Toroid(mm)

OD : 25

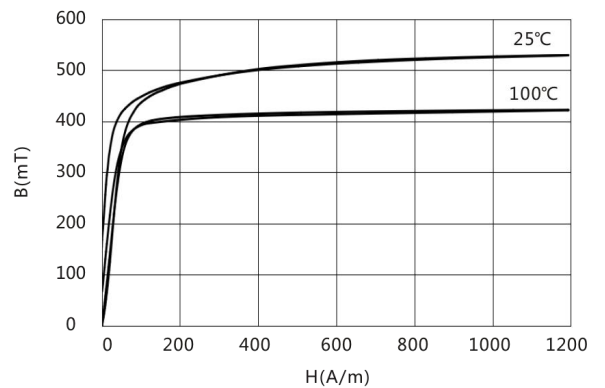
ID : 15

H : 7.5

μ_i -Frequency

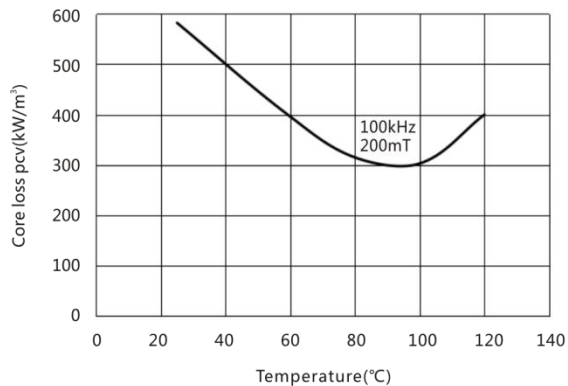


B-H

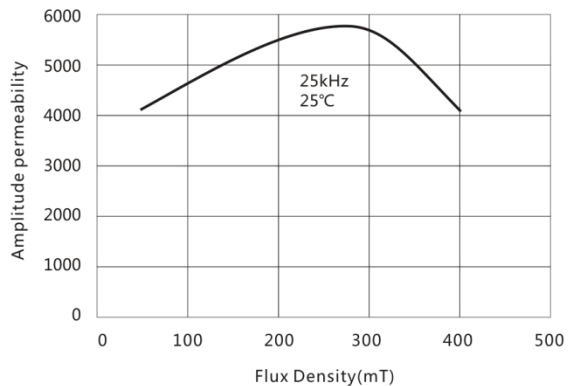


材料 / Material: TP4A

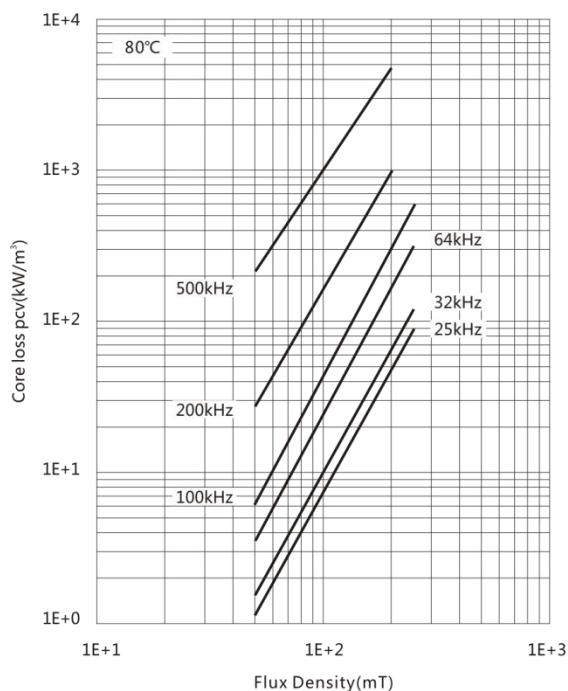
P_{cv}-Temperature



μ_a - B_m



P_{cv}-B_m



P_{cv}-B_m

