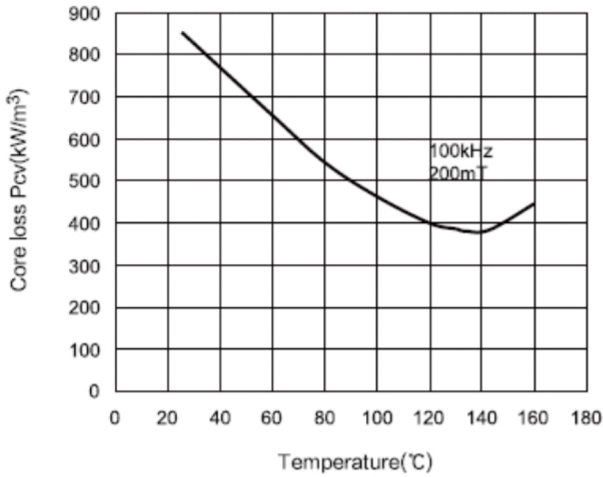
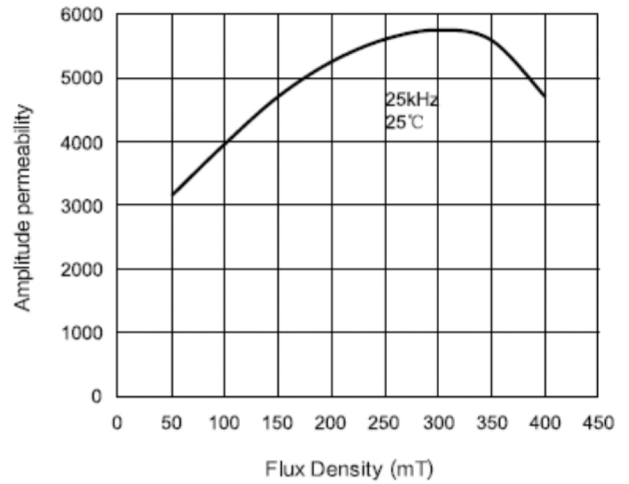


材料/Material:SP4B

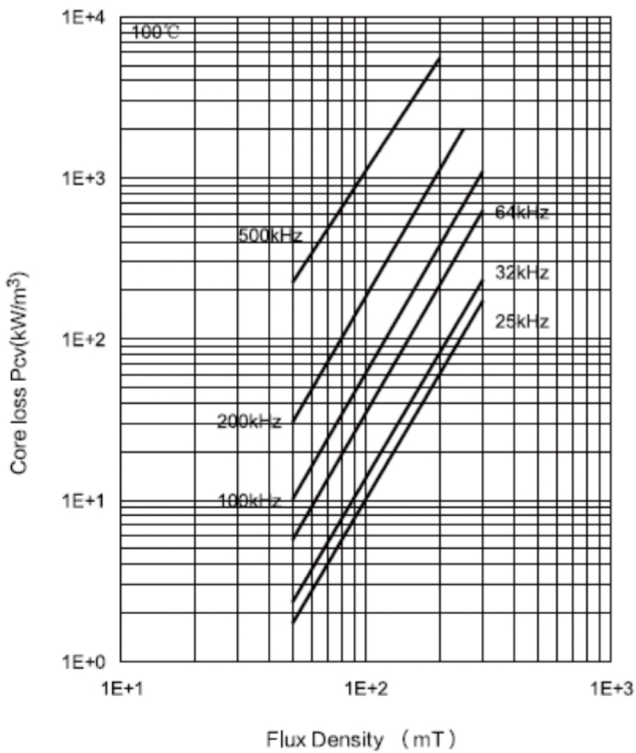
P_{cv}-Temperature



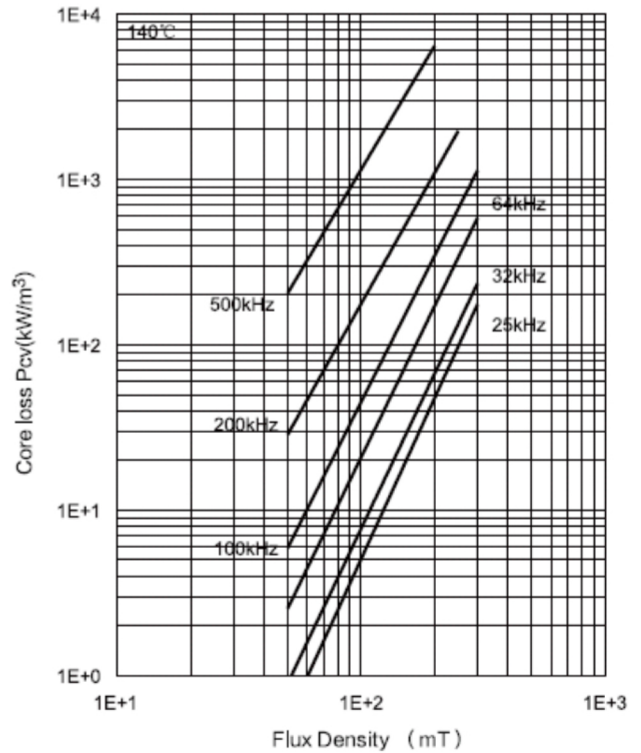
μ_a-B_m



P_{cv}-B_m



P_{cv}-B_m

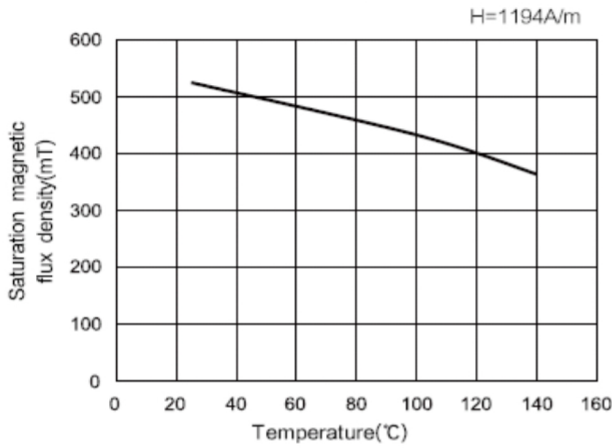


材料/Material:SP4B

特点/Features:

- 1.主要应用于高温领域 (120°C ~ 150°C)/ Mostly used at High Temperature(From 120°C to 150°C)
- 2.应用于中频段(小于500kHz) / Used at Middle Frequency(Less than 500kHz)
- 3.高温高Bs (140°C时Bs还有360mT)/ High Bs at High Temperature(above 360mT at 140°C)
- 4.高温低损耗/ Low Core Loss at High Temperature
- 5.功耗最低点在140°C左右/The Minimum Core Loss is around 140°C

Bs-Temperature

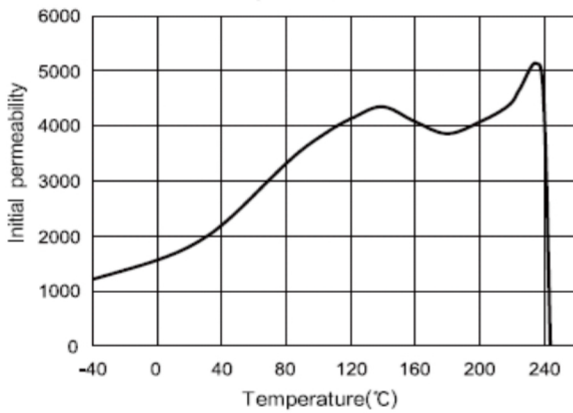


Initial permeability	μ_i	25°C	1800±25%
Saturation magnetic flux density	B_s (mT)	25°C	520
		100°C	430
		140°C	360
Remanence	B_r (mT)	25°C	130
		100°C	80
Coercivity	H_c (A/m)	25°C	13
		100°C	9
Core loss	P_{cv} (kW/m ³)	25°C	900
		100kHz 200mT 100°C	500
		140°C	400
Curie temperature	T_c (°C)	≥240	
Electrical resistivity	ρ (Ω·m)	4	
Density	d (kg/m ³)	4.8×10 ³	

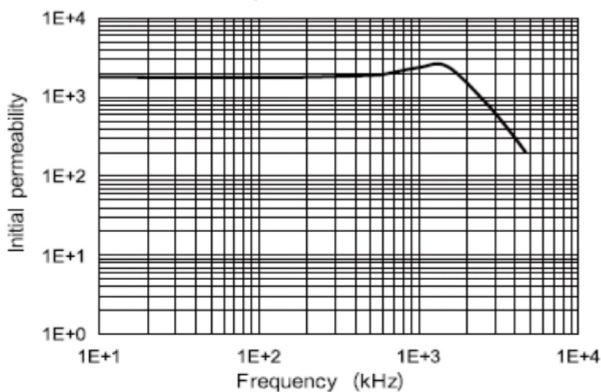
Test core:Toroid(mm)

OD: 25
ID: 15
H: 7.5

μ_i -Temperature



μ_i -Frequency



B-H

