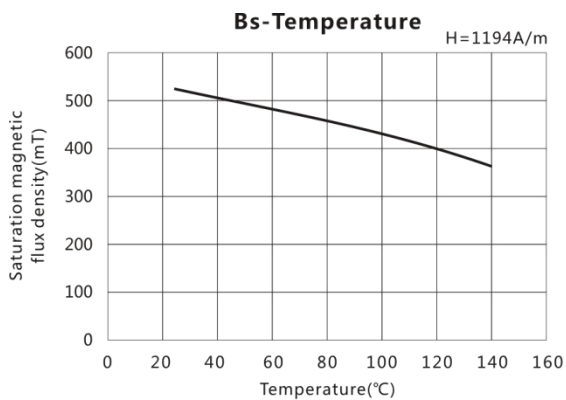


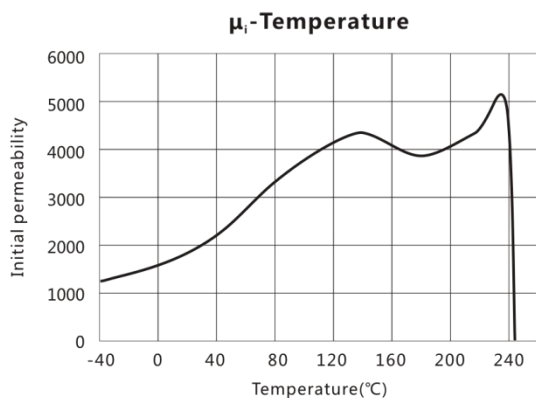
材料 / Material: TP4F

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



Initial permeability	μ_i	25°C	1800±25%
Saturation magnetic flux density	$B_s(mT)$ 1194A/m	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	$P_{cv}(kW/m^3)$ 100kHz 200mT	25°C	900
		100°C	500
		140°C	400
Curie temperature	$T_c(^{\circ}C)$	240	
Electrical resistivity	$\rho(\Omega \cdot m)$	4	
Density	$d(kg/m^3)$	4.8×10^3	

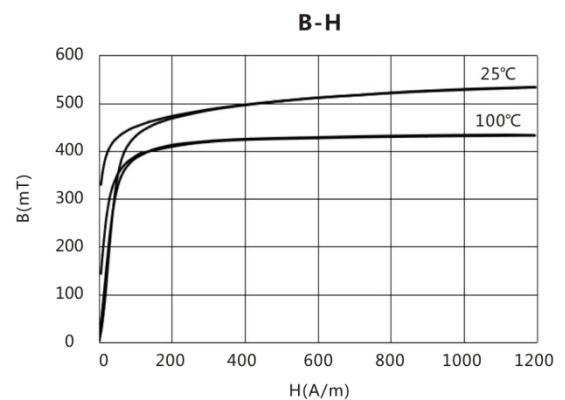
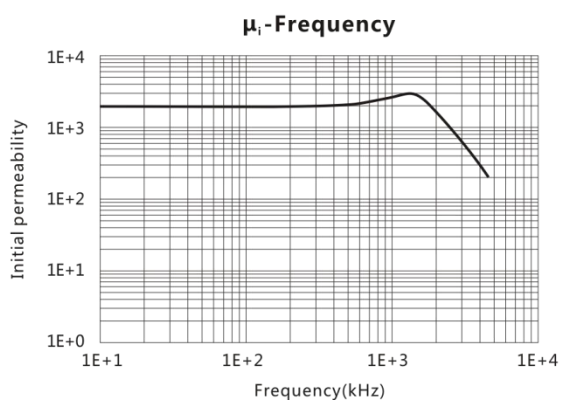


Test core : Toroid(mm)

OD : 25

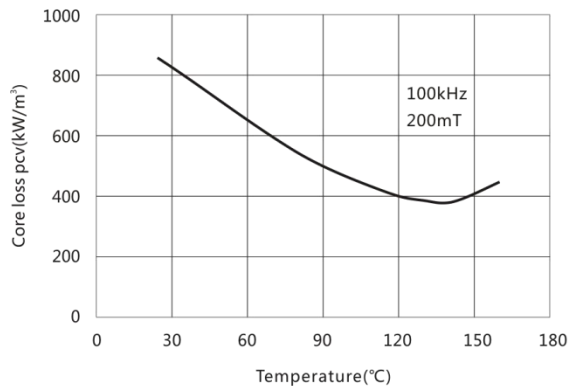
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H : 7.5

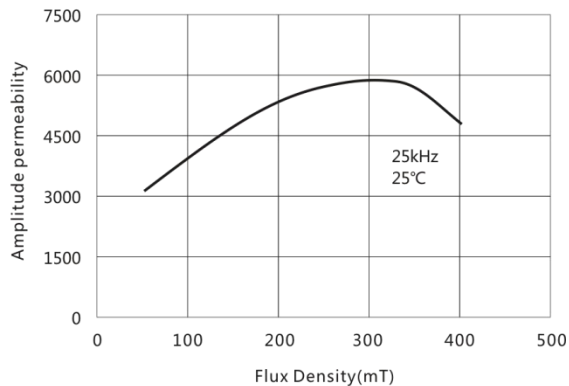


材料 / Material: TP4F

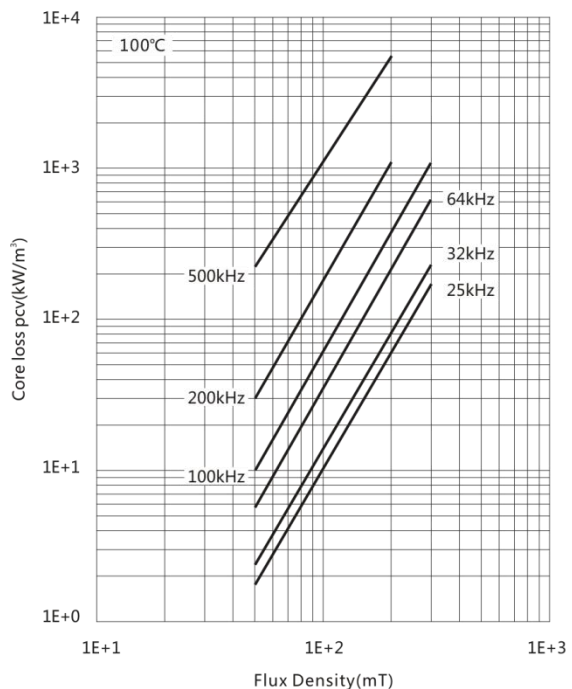
P_{cv}-Temperature



μ_a - B_m



P_{cv}-B_m



P_{cv}-B_m

