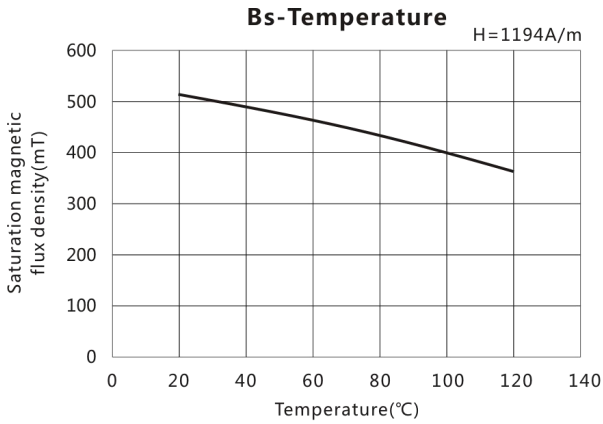


# 材料 Ma a TP4A

## 特点 F a

主要应用于中频段 小于  $H = 1194 \text{ A/m}$   
 低磁心损耗, 高饱和磁感应强度  $L C L a H S a a F D$   
 损耗最低的温度点约在  $^{\circ}C T T a P L C L ^{\circ}C$



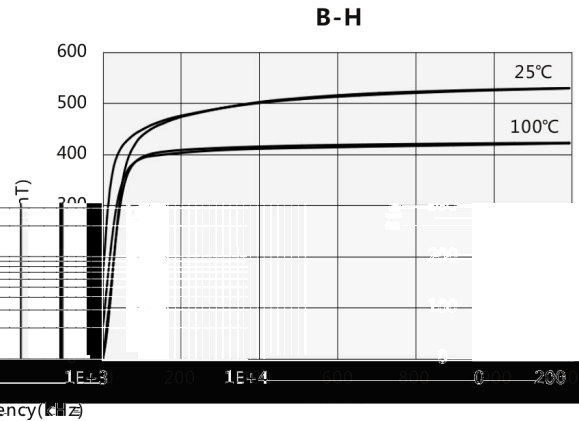
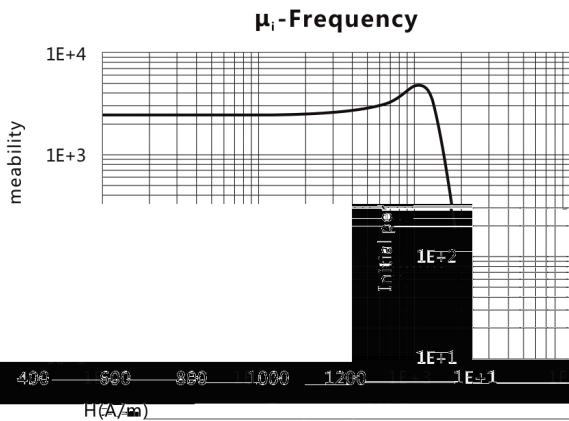
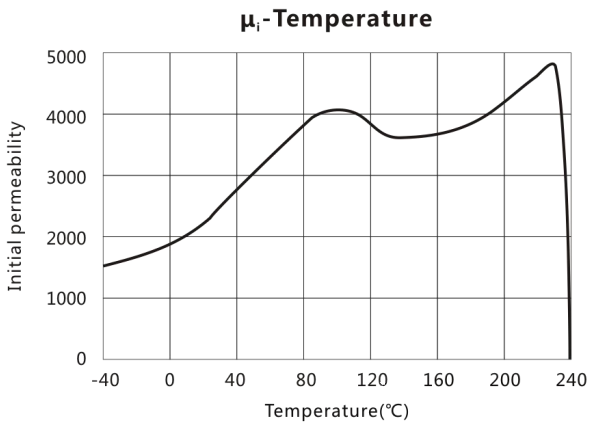
Initial permeability	$\mu_i$	25°C	2400±25%
Saturation magnetic flux density	$B_s(\text{mT})$	25°C	510
		100°C	390
Remanence	$B_r(\text{mT})$	25°C	110
		100°C	60
Coercivity	$H_c(\text{A/m})$	25°C	13
		100°C	6.5
Core loss	$P_{cv}(\text{kW/m}^3)$ 100kHz 200mT	25°C	600
		100°C	300
		120°C	400
Curie temperature	$T_c(^{\circ}C)$		≥215
Electrical resistivity	$\rho(\Omega\cdot\text{m})$		6.5
Density	$d(\text{kg/m}^3)$		$4.8 \times 10^3$

Test core : Toroid(mm)

OD : 25

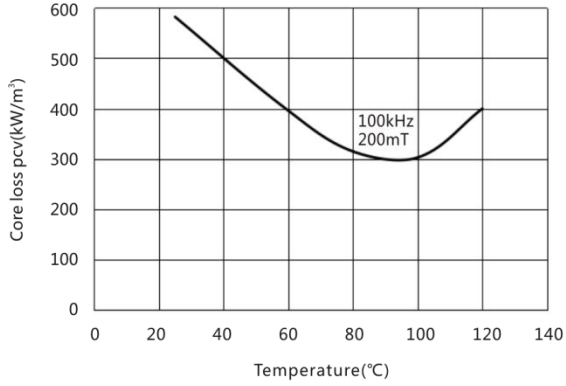
ID : 15

H : 7.5

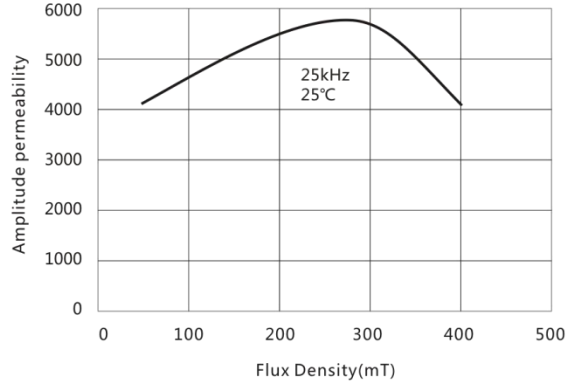


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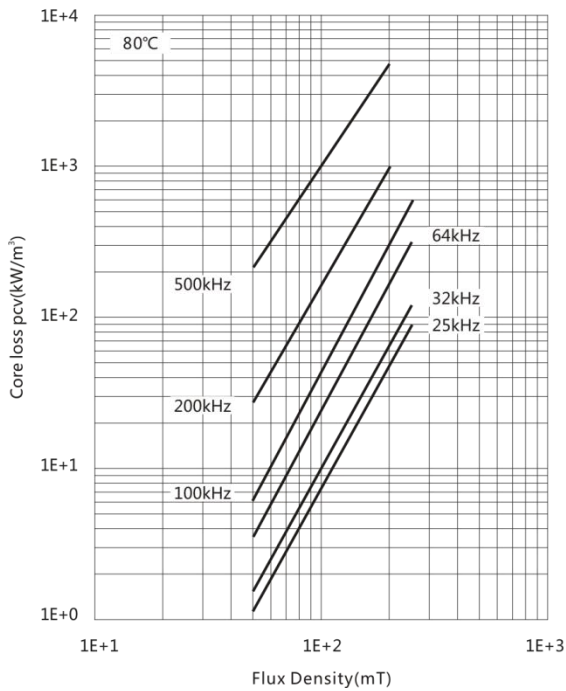
**Pcv-Temperature**



**$\mu_a$ -Bm**



**Pcv-Bm**



**Pcv-Bm**

