

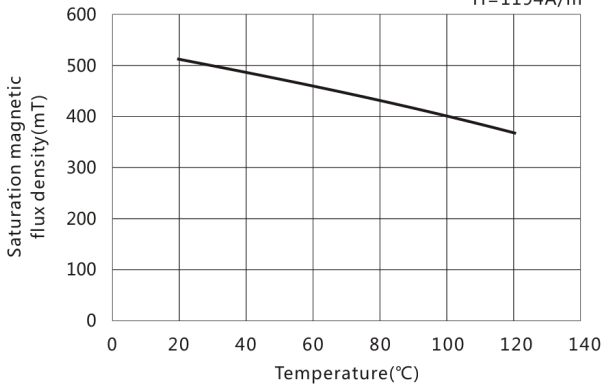
材料 Ma a TP4

特点 F a

主要应用于中频段 小于 $H = 1194 A/m$
 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 $^{\circ}C T T a P L C L ^{\circ}C$

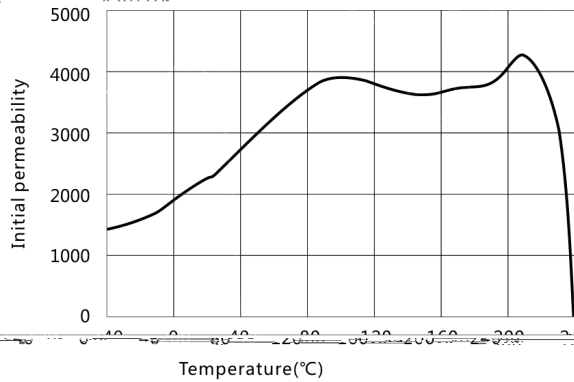
Bs-Temperature

H=1194A/m



Initial permeability	μ_i	25°C	2300±25%
Saturation magnetic flux density	Bs(mT)	25°C	510
	1194A/m	100°C	390
Remanence	Br(mT)	25°C	100
		100°C	55
Coercivity	Hc(A/m)	25°C	14
		100°C	9
Core loss	Pcv(kW/m ³) 100kHz 200mT	25°C	650
		100°C	410
		120°C	500
Curie temperature	Tc(°C)	≥220	
Electrical resistivity	$\rho(\Omega\cdot m)$	6.5	
Densitv	d(kg/m ³)	4.8×10 ³	

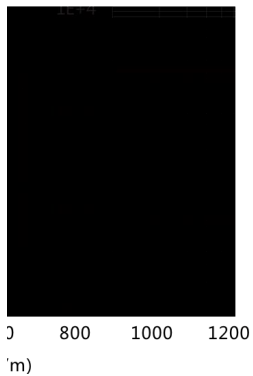
μ_i -Temperature



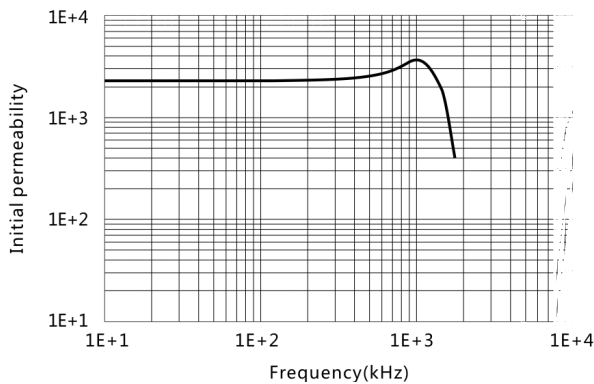
Test core : Toroid(mm)

OD : 25
 ID : 15
 H : 7.5

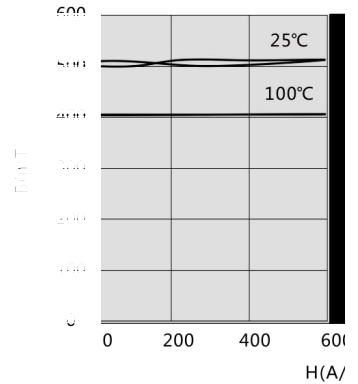
H



μ_i -Frequency

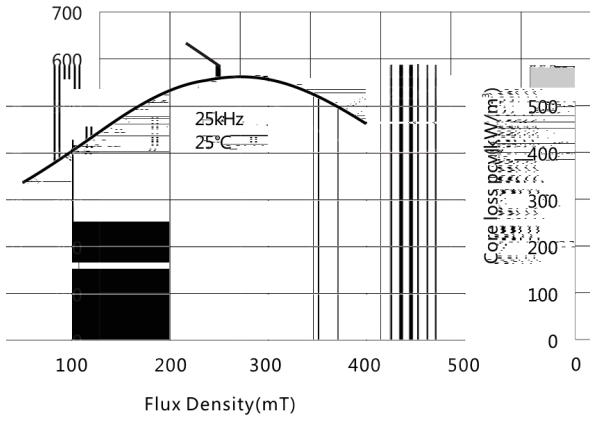


B-I

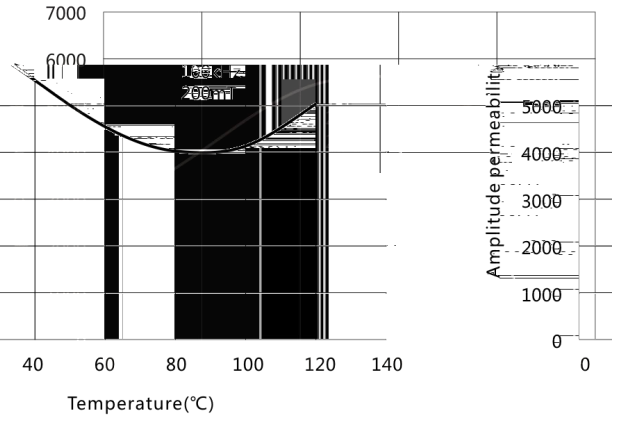


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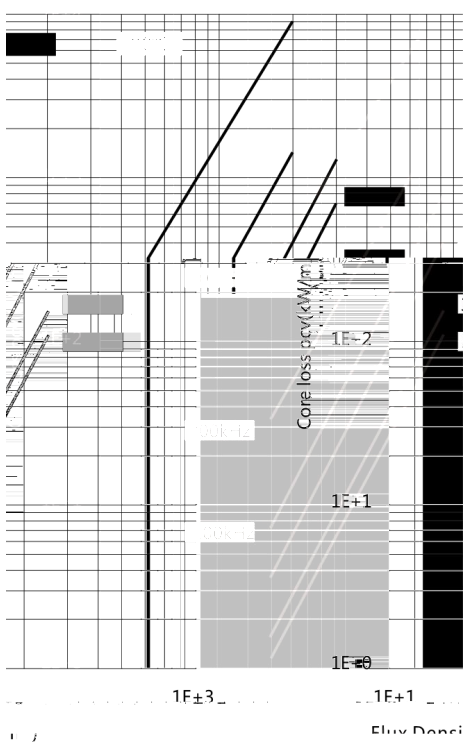
P_{cv}-Temperature



μ_a-B_m



P_{cv}-B_m



P_{cv}-B_m

