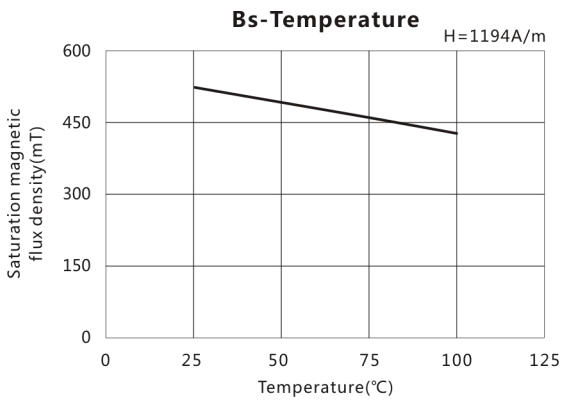


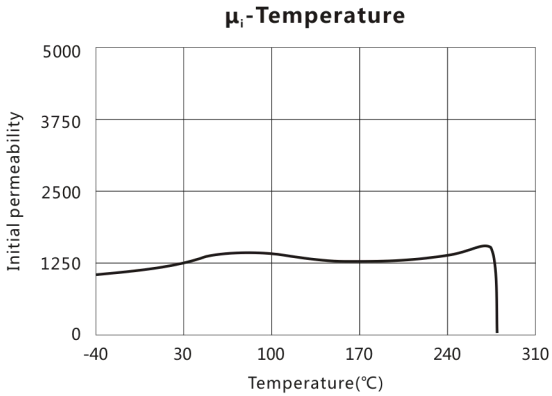
材料 / Material: TP5E

特点 / Features:

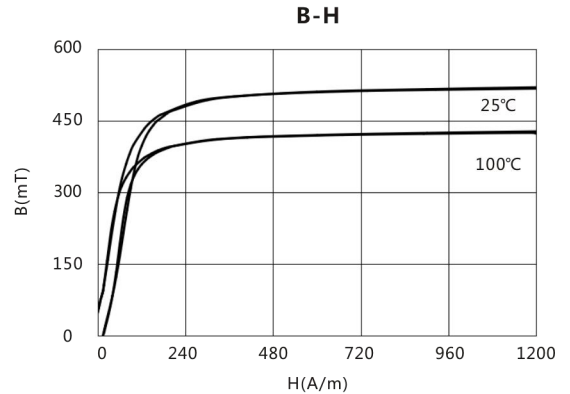
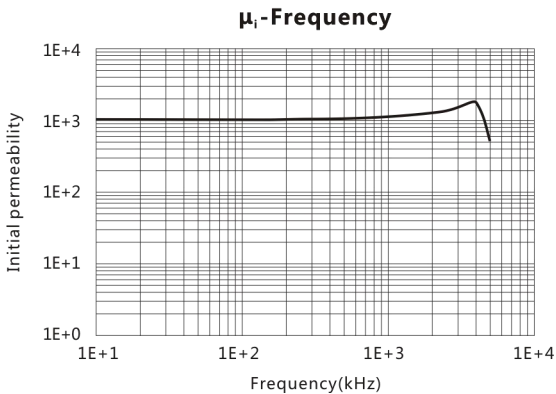
1. 主要应用于超高频段 (1MHz~3MHz) / Mostly Used at High Frequency(From 1MHz to 3MHz)
2. 低磁心损耗, 较高的饱和磁感应强度 / Low Core Loss and High Bs
3. 功耗最低点在100°C左右 / The Minimum Core Loss is Around 100°C
4. 居里温度较高 / Higher Curie Temperature



Initial permeability	μ_i	25°C	1200±25%
Saturation magnetic flux density	Bs(mT) 1194A/m	25°C	520
		40°C	500
		100°C	420
Remanence	Br(mT)	25°C	100
		100°C	65
Coercivity	Hc(A/m)	25°C	40
		100°C	25
Core loss pcv(kW/m³)	1MHz 30mT	25°C	120
		40°C	100
		100°C	80
Core loss pcv(kW/m³)	1MHz 50mT	25°C	450
		40°C	400
		100°C	300
Core loss pcv(kW/m³)	3MHz 10mT	25°C	250
		40°C	225
		100°C	150
Curie temperature	Tc(°C)		270
Electrical resistivity	$\rho(\Omega\cdot m)$		9
Density	d(kg/m³)		4.7×10^3

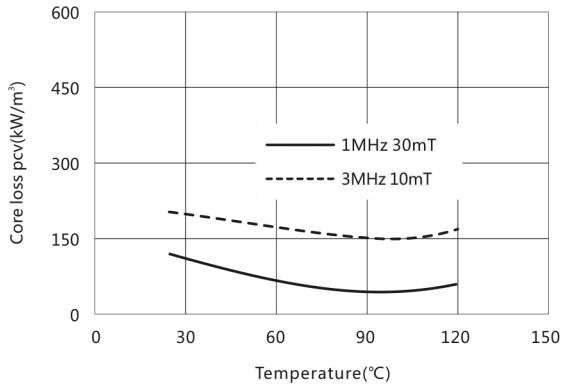


Test core : Toroid(mm)
 Od : 18
 ID : 8
 H : 5

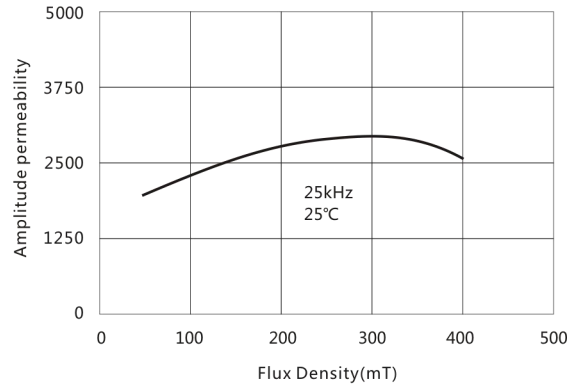


材料 / Material: TP5E

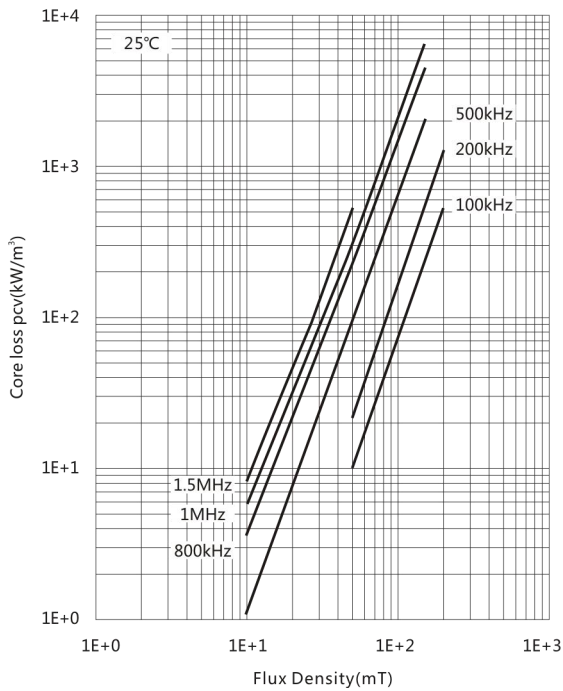
P_{cv}-Temperature



μ_a -B_m



P_{cv}-B_m



P_{cv}-B_m

