

Soft Ferrite

The Curves of
Material Characteristic

FP44 Material MnZn

材料牌号	Material	Unit symbol	FP44
初始磁导率	Initial Permeability	μ_i	2400±25%
剩磁	Remanence	Br (mT)	120
矫顽力	Coercivity	Hc (A/m)	13
饱和磁通密度	Saturation Magnetic Flux Density	Bs (MT) 25~100℃	500~390
居里温度	Curie Temperature	Tc (8C)	>215
电阻率	Electrical Resistivity	$\rho(\Omega \cdot m)$	6.5
功率损耗	Power Loss (F100KHz B200mT)	(Kw/m ³) 25~80~100℃	600~320~300
密度	Density	d (kg /m ³)	4.8 × 10 ³

