RICH TECH MnZn材料特性表 Material Characteristic Sheet

MnZn铁氧体材料特性
MnZn Ferrite material Characteristics

特性 Characteristics			单位 Unit	PR90	PN95	PN4K5
初始磁导率 μ_i (10kHz) Initial permeability		25℃ H<0.4A/m		2200 ±25%	3300 ±25%	4500 ±25%
饱和磁通密度Bs Saturation magnetic flux density (H=1194A/m)		25℃	mT	540	530	460
		100℃	mT	450	410	/
剩磁Br Remanence		25℃	mT	170	85	50
		100℃	mT	60	60	/
矫顽力Hc Coercivity		25℃	A/m	13	12	8
		100℃	A/m	6.5	9	/
功率损耗 Pcv Core Loss	100kHz 200mT 正弦波	25℃	kW/m^3	680	380	/
		80℃	kW/m^3	380	290	/
		100℃	kW/m^3	320	300	/
		120℃	kW/m^3	460	350	/
电阻率 ρ Electrical resistivity			Ω・m	4	4	/
居里温度Tc Curie temperature			℃	≥250	≥220	≥150
密度d Density			kg/m^3	4.9×10^3	4.9×10^3	4.8×10^3

注：各表格所列无公差和范围要求的值均为典型值，不包括客户的特殊要求；有特殊要求时，应在订单中给予明确。
Remark:The value of material's characteristics，which have no other requirement on the tolerance，are typical value. Please contact our company for more characteristics in your order or agreement.