

GP4材料特性【GP4 MATERIAL CHARACTERISTICS】

材料特点(FEATURES)

- 【1】主要应用小于200KHZ中频段/MOSTLY USED AT MIDILE FREQUENCY(LESS THAN 200KHZ)
- 【2】低磁心损耗，高饱和磁感应强度/LOW CORE LOSS AND HIGH SATURATION FLUX DENSITY
- 【3】是一种用于电源变压器的常规材料，可用于开关电源、适配器、充电器以及背光LCD
- IT IS A CONVENTIONAL MATERIAL FOR POWER TRANSFORMER.
- IT CAN BE USED IN SWITCHING POWER SUPPLY, ADAPTER, CHARGER AND BACKLIGHT LCD.

特性 Characteristic	符号 Symbol	单位 Unit	测试条件 Conditions	典型值 Value
初始磁导率 Initial Permeability	μi		10kHz, B<0. 25mT, 25℃	2300±25%
饱和磁通密度 Saturation Flux Density	Bs	mT	10kHz, H=1194A/m, 25℃	510
			10kHz, H=1194A/m, 100℃	390
剩磁 Remanence	Br	mT	10kHz, H=1194A/m, 25℃	95
			10kHz, H=1194A/m, 100℃	55
矫顽力 Coercivity	Hc	A/m	10kHz, H=1194A/m, 25℃	14
			10kHz, H=1194A/m, 100℃	9
功率损耗 Power Loss	Pcv	Kw/㎡	100kHz, 200mT, 25℃	650
			100kHz, 200mT, 60℃	-
			100kHz, 200mT, 80℃	430
			100kHz, 200mT, 100℃	410
			100kHz, 200mT, 120℃	500
居里温度 Curie Temperature	Tc	℃	10KHz, B<0. 25mT	≥215
电阻率 Resistivity	ρ	Ω . m	-	6
密度 Density	d	g/cm³	-	4. 80x10³

【注】以上所列数值均为典型值，不包括客户的特殊要求；有特殊要求时，应在订货合同或技术标准中给予明确。

Remark:The values of material's characteristics are typical value.please contact our company for more characteristics in your order or agreement.

材料特性曲线/MATERIAL CHARACTERISTIC CURVE

