

材料/Material: PR4A

**特点/Features:**

1. 主要应用于中频段(小于300kHz)/Mostly Used at Middle Frequency (Less than 300kHz)
2. 低磁芯损耗,高饱和磁感应强度/Low Core Loss and High Saturation Flux Density
3. 损耗最低的温度点约在90°C/The Temperature Point of the Lowest Core Loss is 90°C

Initial permeability	$\mu_i$	25°C	2400±25%
Saturation magnetic flux density	$B_s$ (mT)	25°C	510
Remanence	$B_r$ (mT)	25°C	110
		100°C	60
Coercivity	$H_c$ (A/m)	25°C	13
		100°C	6.5
Core loss	$P_{cv}$ (kW/m <sup>3</sup> )	25°C	600
		100kHz 200mT 100°C	300
		120°C	400
Curie temperature	$T_c$ (°C)		≥215
Electrial resistivity	$\rho$ (Ω·m)		6.5
Density	$d$ (kg/m <sup>3</sup> )		$4.8 \times 10^3$

Test core: Toroid(mm)

OD: 25

ID: 15

H: 7.5

