

材料/Material: PR40

特点/Features:

1. 主要应用于中频段(小于200kHz)/Mostly Used at Middle Frequency (Less than 200kHz)
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℃/The Temperature Point of the Lowest Core Loss is 90℃

Initial permeability	μ_i	25℃	2300±25%
Saturation magnetic flux density	Bs(mT)	25℃	510
		100℃	390
Remanence	Br(mT)	25℃	100
		100℃	55
Coercivity	Hc(A/m)	25℃	14
		100℃	9
Core loss	Pcv(kW/m ³)	25℃	640
	100kHz 200mT	100℃	400
		120℃	500
Curie temperature	Tc(℃)		≥220
Electrical resistivity	$\rho(\Omega \cdot m)$		6.5
Density	d(kg/m ³)		4.8×10 ³

Test core: Toroid(mm)

OD: 25

ID: 15

H: 7.5

