

铁氧体磁芯

PC90ER18/5/12-Z

RoHS Pb Free

磁芯形状	平面磁心 (ER)
特点	High Bs High Bs
	Sw Power For Switching Power Supplies
材料名称	Mn-Zn
铁氧体材料	PC90
状态	量产体制



尺寸

Size (IEC 62317) AxBxC

其他详细信息 [请参照目录](#)

电气特性

Core Factor	0.601mm ⁻¹
Effective Cross-Sectional Area	32.8mm ²
Effective Magnetic Path Length	19.7mm
Effective Core Volume	645mm ³
AL Value / (nH / N ²)	2900 ±25% (1kHz, 0.5mA, 100Ts)
铁心损耗 / (W / set) [Max.]	0.5 (200mT, 100kHz, 100° C)
Air Gap	0 mm
重量	3.8g

电气特性 (材料)

初始磁导率 μ_i	2200 ±25%
饱和磁通密度 Bs / mT	450 (1194A/m, 100° C)
居里温度 Tc [Min.]	250° C
铁心损耗 / (kW / m ³) [Max.]	320

! Images are for reference only and show exemplary products.

! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.