

# 铁氧体磁芯

PC50EPC27-Z

RoHS Pb Free

磁芯形状	E(EPC)
特点	<b>Low Loss</b> Low Loss
	<b>Sw Power</b> For Switching Power Supplies
材料名称	Mn-Zn
铁氧体材料	PC50
状态	量产体制



## 尺寸

Size (IEC 62317) AxBxC

其他详细信息

## 电气特性

Core Factor	1.43mm <sup>-1</sup>
Effective Cross-Sectional Area	48.6mm <sup>2</sup>
Effective Magnetic Path Length	69.4mm
Effective Core Volume	3370mm <sup>3</sup>
AL Value / (nH / N <sup>2</sup> )	1030 ±25% (1kHz, 0.5mA, 100Ts)
铁心损耗 / (W / set) [Max.]	1.53 (200mT, 100kHz, 100° C)
Air Gap	0 mm
重量	18g

## 电气特性 (材料)

初始磁导率 $\mu_i$	1400±25%
饱和磁通密度 $B_s$ / mT	380 (1194A/m, 100° C)
居里温度 $T_c$ [Min.]	240° C
铁心损耗 / (kW / m <sup>3</sup> ) [Max.]	250

! 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.