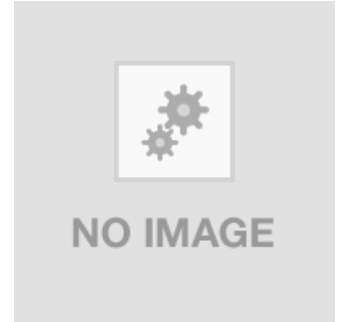


铁氧体磁芯

PC47EPC27-Z

RoHS Pb Free

磁芯形状	E(EPC)
特点	Low Loss Low Loss
	Sw Power For Switching Power Supplies
材料名称	Mn-Zn
铁氧体材料	PC47
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	1.43mm ⁻¹
Effective Cross-Sectional Area	48.6mm ²
Effective Magnetic Path Length	69.4mm
Effective Core Volume	3370mm ³
AL Value / (nH / N ²)	1540 ±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 μ_i	2500 ±25%
饱和磁通密度 B_s / mT	420 (1194A/m, 100° C)
居里温度 T_c [Min.]	230° C
铁心损耗 / (kW / m ³) [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.