


Switching power transformer / 開關電源變壓器

	<p>Core shape: EPC-19 & EPC-30</p> <p>Features:</p> <ul style="list-style-type: none"> •Low-loss/ High saturation magnetic flux density ferrite •Compatible with multiple output switch-mode power supplies •High-power output •Low-profile •RoHS Compliance 	<p>磁芯形狀: EPC-19 & EPC-30</p> <p>特性:</p> <ul style="list-style-type: none"> •採用低損耗高飽和磁通密度鐵氧體磁芯進行設計 •適用於多組輸出的開關電源 •高功率輸出 •產品高度小 •符合RoHS標準
<p>Shape and external dimension / 機械尺寸mm.</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="295 712 746 875"> </div> <div data-bbox="837 712 1289 875"> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> Figure 1 Figure 2 </div>		

Electronical characteristics / 電氣特性

Core shape 磁芯形狀	EPC-19/20/6	EPC-30/30/8
Center leg area 磁芯中柱面積 A_e mm ²	22.7	61
Length of magnetic circuit 磁路長度 L_e mm	46.1	81.6
Volume 體積 V_e mm ³	1047	5035
Bobbin type 線架類型	Horizontal/臥式	Horizontal/臥式
External dimension 外觀尺寸 W*D*H mm	20.5*20.5*15.5	31.5*31.5*20.5
Maximum output 最大輸出功率 VA	15	80
Drawing No.圖紙號	Figure 1	Figure 2

Note: The design bases on: 1.Forward model 2.PC40 series ferrite 3.Switching frequency: 100 KHz
 注意: 本設計基于 1.正激式變換器 2.PC40系列鐵氧體 3.開關頻率:100 KHz