
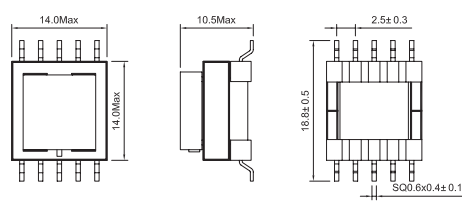
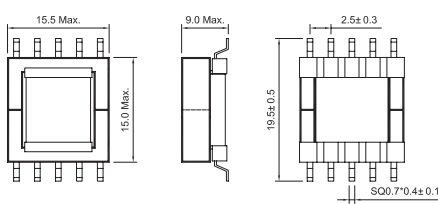


Switching power transformer / 開關電源變壓器

	<p>Core shape: EF-12.5&EPC-13</p> <p>Features:</p> <ul style="list-style-type: none"> •Low-loss/High saturation magnetic flux density ferrite. •High efficiency •High-power output •Surface-mounted •Low-profile •RoHS compliance 	<p>磁芯形狀: EF-12.5&EPC-13</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。 •轉換效率高。 •高功率輸出。 •封裝形式: 表面安裝 •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; align-items: flex-end;"> <div style="text-align: center;">  <p>Figure 1</p> </div> <div style="text-align: center;">  <p>Figure 2</p> </div> </div>		

Electronical characteristics / 電氣特性

Core shape 磁芯形狀	EF-12.5/13/4	EPC-13
Center leg area 磁芯中柱面積 Ae mm ²	12.4	12.79
Length of magnetic circuit 磁路長度Le mm	29.7	28.76
Volume 體積Ve mm ³	369	368
Bobbin type 骨架類型	Horizontal/臥式	Horizontal/臥式
External dimension外觀尺寸W*D*H mm	14.0*14.0*10.5	15.5*15.0*9.0
Input voltage 輸入電壓(V)	12.0	23
Output voltage 輸出電壓(V)	700	500
Rated current 額定電流(mA)	3.0	3.0
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