


Switching power transformer / 開關電源變壓器

	<p>Core shape: ER Series</p> <p>Features:</p> <ul style="list-style-type: none"> •Low-loss/ High saturation magnetic flux density ferrite •Low leakage inductance •High-power output •Surface-mounted •Low-profile •RoHS Compliance 	<p>磁芯形狀:ER 系列</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 •泄漏電感低 •高功率輸出 •針腳封裝形式:SMD •產品高度小 •符合RoHS標準
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Shape and external dimension / 機械尺寸mm.

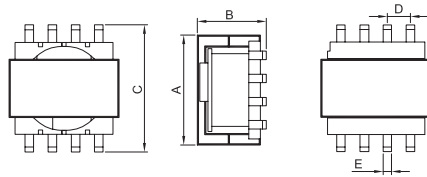


Figure 1

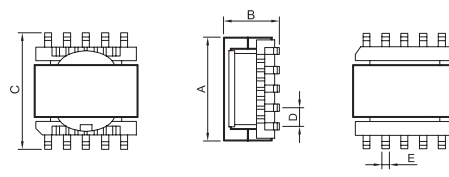


Figure 2

Electronical characteristics / 電氣特性

Core shape 磁芯形狀	ER-7.5	ER-9.5	ER-11.5	ER-14.5
Bobbin type 線架類型	Vertical/立式	Vertical/立式	Vertical/立式	Vertical/立式
No. of Terminals 針腳數	4+4	4+4	5+5	5+5
Dimension 尺寸mm				
Max.A	8.0	9.8	13.0	16.0
Max.B	6.0	6.0	7.0	7.5
±0.5 C	9.3	11.55	12.2	16.0
±0.3 D	1.75	2.0	2.0	2.5
±0.1 E(SQ)	0.6*0.25	0.7*0.25	0.7*0.25	0.7*0.3
Maximum output 最大輸出功率 VA	1.0	5.0	10.0	18.0
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