


Switching power transformer / 開關電源變壓器

| | | |
|---|--|---|
|  | <p>Core shape: EE-42 & EE-55</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 •A wide range of output •Safety standards approved •RoHS Compliance | <p>磁芯形狀: EE-42 & EE-55</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 •輸出範圍寬 •符合安全標準 •符合RoHS標準 |
|---|--|---|

Shape and external dimension / 機械尺寸mm.

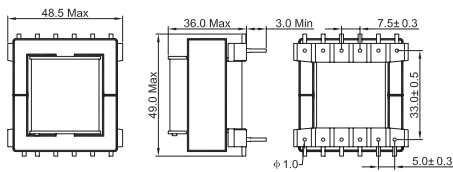


Figure 1

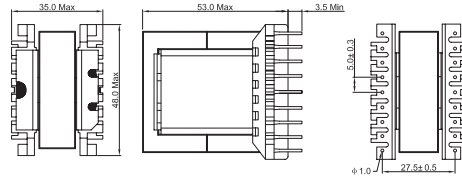


Figure 2

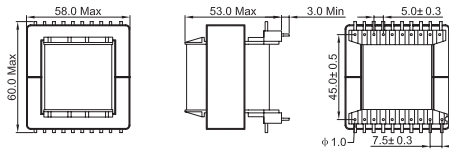


Figure 3

Electronical characteristics / 電氣特性

| Core shape 磁芯形狀 | EE-42/42/15 | EE-42/42/15 | EE-55/55/21 |
|---|---------------|-------------|---------------|
| Center leg area 磁芯中柱面積 Ae mm ² | 178.9 | 178.9 | 352.5 |
| Length of magnetic circuit 磁路長度 Le mm | 97.8 | 97.8 | 123.4 |
| Volume 體積 Ve mm ³ | 17501 | 17501 | 43478 |
| Bobbin type 線架類型 | Horizontal/臥式 | Vertical/立式 | Horizontal/臥式 |
| External dimension 外觀尺寸 W*D*H mm | 48.5*49*36 | 48*35*53 | 58*60*53 |
| Maximum output 最大輸出功率 VA | 400 | 400 | 814 |
| Drawing No.圖紙號 | Figure 1 | Figure 2 | Figure 3 |

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