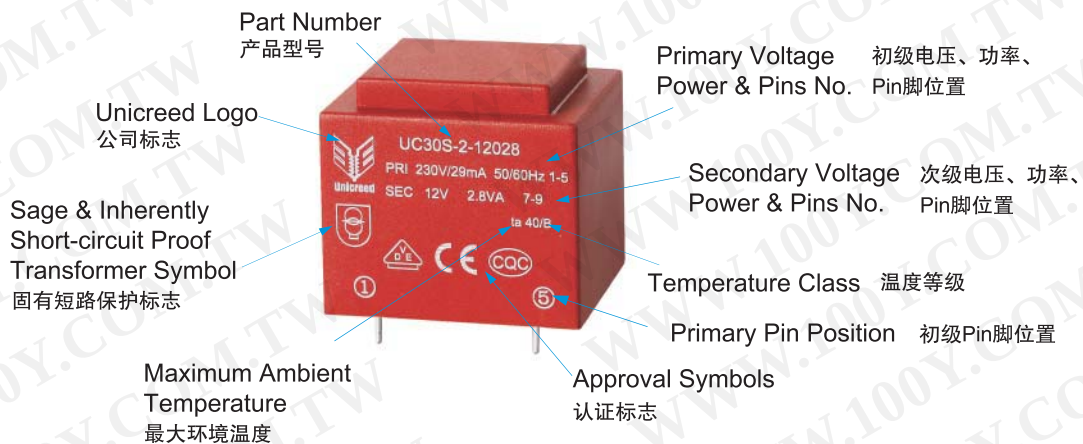
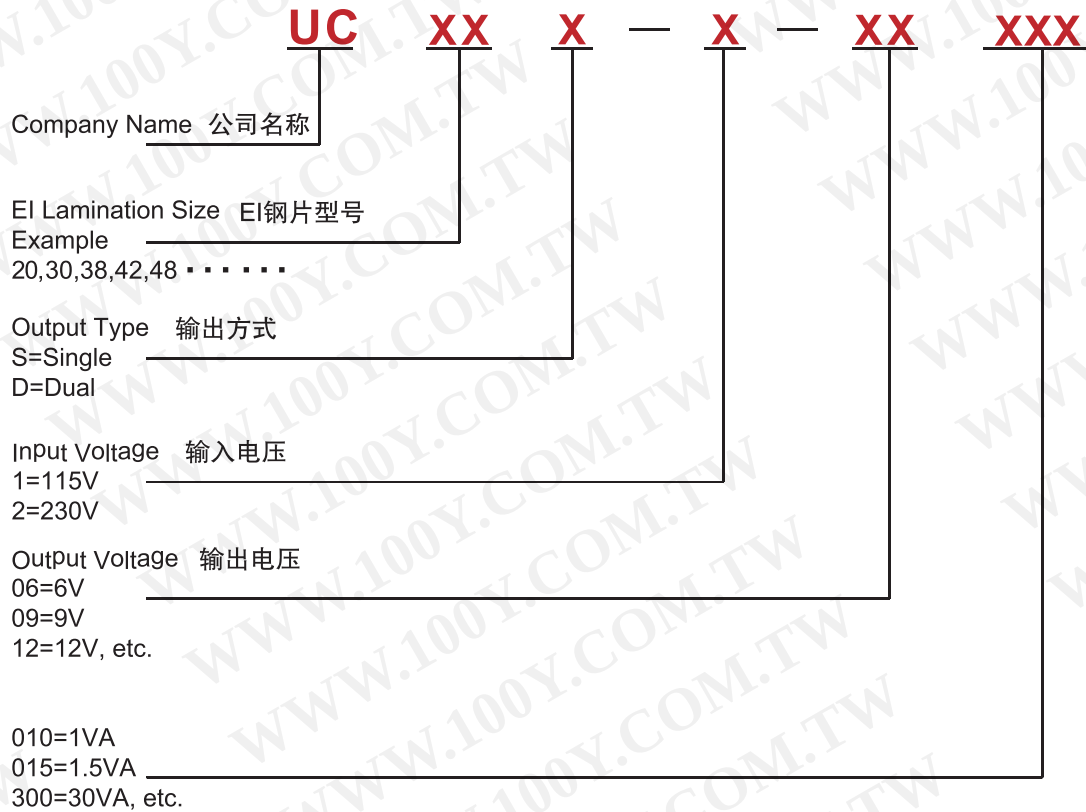


# ENCAPSULATED TRANSFORMER

# 密封变压器

## PART NUMBER 编码规则: **XXXXX-X-XXXXX**



## EE20 SERIES EE20 系列

勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-34970699  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

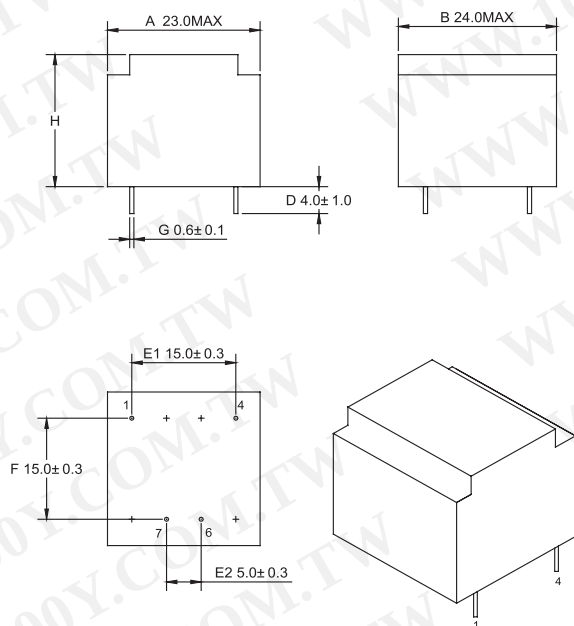
## FEATURES

- Temperature Class: Class B (130 °C)
- Ambient Temperature (ta): 70 °C
- Vacuum Potting
- Material Flammability Classification UL94V-0
- Dielectric Strength 4200Vrms
- Operation Frequency: 50/60Hz
- Inherently Short-circuit Proof
- Resins Class B IEC 85 (20,000h Testing to IEC 216)
- Conforms to EN61558/EN60950
- 100% Tested Production

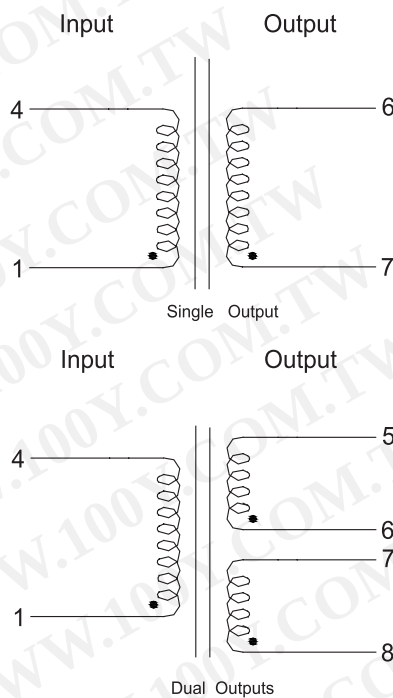
## 产品特点

- 温度等级: Class B (130°C)
- 环境温度 (ta): 70°C
- 真空灌封
- 所有材料阻燃等级UL94V-0
- 介电强度4200Vrms
- 工作频率: 50/60Hz
- 固有短路保护
- 封胶温度等级: B级 (经过20000小时IEC216测试)
- 符合EN61558/EN60950要求
- 产线全检

## OUTLINE DIMENSIONS



## ELECTRICAL SCHEMATIC



## EE20-6.2 SERIES 0.35VA

| Part Number    | Primary Voltage (V) | Secondary Voltage (V) | Secondary Current (mA) | No-load Voltage (V) | Ambient Temperature (°C) | Rated Power (VA) | Dimension H Max. (mm) | Weight Approx. (g) | Agency Approval |
|----------------|---------------------|-----------------------|------------------------|---------------------|--------------------------|------------------|-----------------------|--------------------|-----------------|
| UC20S-2-060035 | 230                 | 6                     | 58                     | 9                   | T 70/B                   | 0.35             | 16                    | 25                 | CE              |
| UC20S-2-090035 | 230                 | 9                     | 39                     | 13.5                | T 70/B                   | 0.35             | 16                    | 25                 |                 |
| UC20S-2-120035 | 230                 | 12                    | 29                     | 17.9                | T 70/B                   | 0.35             | 16                    | 25                 |                 |
| UC20S-2-150035 | 230                 | 15                    | 23                     | 22.4                | T 70/B                   | 0.35             | 16                    | 25                 |                 |
| UC20S-2-180035 | 230                 | 18                    | 19                     | 26.8                | T 70/B                   | 0.35             | 16                    | 25                 |                 |
| UC20S-2-240035 | 230                 | 24                    | 15                     | 35.8                | T 70/B                   | 0.35             | 16                    | 25                 |                 |
| UC20D-2-060035 | 230                 | 2×6                   | 2×29                   | 2×9                 | T 70/B                   | 0.35             | 16                    | 25                 |                 |
| UC20D-2-090035 | 230                 | 2×9                   | 2×19                   | 2×13.5              | T 70/B                   | 0.35             | 16                    | 25                 |                 |
| UC20D-2-120035 | 230                 | 2×12                  | 2×14                   | 2×17.9              | T 70/B                   | 0.35             | 16                    | 25                 |                 |
| UC20D-2-150035 | 230                 | 2×15                  | 2×12                   | 2×22.4              | T 70/B                   | 0.35             | 16                    | 25                 |                 |
| UC20D-2-180035 | 230                 | 2×18                  | 2×9                    | 2×26.8              | T 70/B                   | 0.35             | 16                    | 25                 |                 |
| UC20D-2-240035 | 230                 | 2×24                  | 2×7                    | 2×35.8              | T 70/B                   | 0.35             | 16                    | 25                 |                 |
| UC20S-1-060035 | 115                 | 6                     | 58                     | 9                   | T 70/B                   | 0.35             | 16                    | 25                 | CE              |
| UC20S-1-090035 | 115                 | 9                     | 39                     | 13.5                | T 70/B                   | 0.35             | 16                    | 25                 |                 |
| UC20S-1-120035 | 115                 | 12                    | 29                     | 17.9                | T 70/B                   | 0.35             | 16                    | 25                 |                 |
| UC20S-1-150035 | 115                 | 15                    | 23                     | 22.4                | T 70/B                   | 0.35             | 16                    | 25                 |                 |
| UC20S-1-180035 | 115                 | 18                    | 19                     | 26.8                | T 70/B                   | 0.35             | 16                    | 25                 |                 |
| UC20S-1-240035 | 115                 | 24                    | 15                     | 35.8                | T 70/B                   | 0.35             | 16                    | 25                 |                 |
| UC20D-1-060035 | 115                 | 2×6                   | 2×29                   | 2×9                 | T 70/B                   | 0.35             | 16                    | 25                 |                 |
| UC20D-1-090035 | 115                 | 2×9                   | 2×19                   | 2×13.5              | T 70/B                   | 0.35             | 16                    | 25                 |                 |
| UC20D-1-120035 | 115                 | 2×12                  | 2×14                   | 2×17.9              | T 70/B                   | 0.35             | 16                    | 25                 |                 |
| UC20D-1-150035 | 115                 | 2×15                  | 2×12                   | 2×22.4              | T 70/B                   | 0.35             | 16                    | 25                 |                 |
| UC20D-1-180035 | 115                 | 2×18                  | 2×9                    | 2×26.8              | T 70/B                   | 0.35             | 16                    | 25                 |                 |
| UC20D 1 240035 | 115                 | 2×24                  | 2×7                    | 2×35.8              | T 70/B                   | 0.35             | 16                    | 25                 |                 |

## EE20-10.5 SERIES 0.5VA

| Part Number   | Primary Voltage (V) | Secondary Voltage (V) | Secondary Current (mA) | No-load Voltage (V) | Ambient Temperature (°C) | Rated Power (VA) | Dimension H Max. (mm) | Weight Approx. (g) | Agency Approval |
|---------------|---------------------|-----------------------|------------------------|---------------------|--------------------------|------------------|-----------------------|--------------------|-----------------|
| UC20S-2-06005 | 230                 | 6                     | 83                     | 10.3                | T 70/B                   | 0.5              | 19.8                  | 36                 | CE              |
| UC20S-2-09005 | 230                 | 9                     | 56                     | 15.4                | T 70/B                   | 0.5              | 19.8                  | 36                 |                 |
| UC20S-2-12005 | 230                 | 12                    | 42                     | 20.4                | T 70/B                   | 0.5              | 19.8                  | 36                 |                 |
| UC20S-2-15005 | 230                 | 15                    | 33                     | 25.4                | T 70/B                   | 0.5              | 19.8                  | 36                 |                 |
| UC20S-2-18005 | 230                 | 18                    | 28                     | 30.4                | T 70/B                   | 0.5              | 19.8                  | 36                 |                 |
| UC20S-2-24005 | 230                 | 24                    | 21                     | 40.4                | T 70/B                   | 0.5              | 19.8                  | 36                 |                 |
| UC20D-2-06005 | 230                 | 2×6                   | 2×42                   | 2×10.3              | T 70/B                   | 0.5              | 19.8                  | 36                 |                 |
| UC20D-2-09005 | 230                 | 2×9                   | 2×28                   | 2×15.4              | T 70/B                   | 0.5              | 19.8                  | 36                 |                 |
| UC20D-2-12005 | 230                 | 2×12                  | 2×21                   | 2×20.4              | T 70/B                   | 0.5              | 19.8                  | 36                 |                 |
| UC20D-2-15005 | 230                 | 2×15                  | 2×17                   | 2×25.0              | T 70/B                   | 0.5              | 19.8                  | 36                 |                 |
| UC20D-2-18005 | 230                 | 2×18                  | 2×14                   | 2×30.4              | T 70/B                   | 0.5              | 19.8                  | 36                 |                 |
| UC20D-2-24005 | 230                 | 2×24                  | 2×10                   | 2×40.4              | T 70/B                   | 0.5              | 19.8                  | 36                 |                 |
| UC20S-1-06005 | 115                 | 6                     | 83                     | 10.3                | T 70/B                   | 0.5              | 19.8                  | 36                 | CE              |
| UC20S-1-09005 | 115                 | 9                     | 56                     | 15.4                | T 70/B                   | 0.5              | 19.8                  | 36                 |                 |
| UC20S-1-12005 | 115                 | 12                    | 42                     | 20.4                | T 70/B                   | 0.5              | 19.8                  | 36                 |                 |
| UC20S-1-15005 | 115                 | 15                    | 33                     | 25.4                | T 70/B                   | 0.5              | 19.8                  | 36                 |                 |
| UC20S-1-18005 | 115                 | 18                    | 28                     | 30.4                | T 70/B                   | 0.5              | 19.8                  | 36                 |                 |
| UC20S-1-24005 | 115                 | 24                    | 21                     | 40.4                | T 70/B                   | 0.5              | 19.8                  | 36                 |                 |
| UC20D-1-06005 | 115                 | 2×6                   | 2×42                   | 2×10.3              | T 70/B                   | 0.5              | 19.8                  | 36                 |                 |
| UC20D-1-09005 | 115                 | 2×9                   | 2×28                   | 2×15.4              | T 70/B                   | 0.5              | 19.8                  | 36                 |                 |
| UC20D-1-12005 | 115                 | 2×12                  | 2×21                   | 2×20.4              | T 70/B                   | 0.5              | 19.8                  | 36                 |                 |
| UC20D-1-15005 | 115                 | 2×15                  | 2×17                   | 2×25.0              | T 70/B                   | 0.5              | 19.8                  | 36                 |                 |
| UC20D-1-18005 | 115                 | 2×18                  | 2×14                   | 2×30.4              | T 70/B                   | 0.5              | 19.8                  | 36                 |                 |
| UC20D-1-24005 | 115                 | 2×24                  | 2×10                   | 2×40.4              | T 70/B                   | 0.5              | 19.8                  | 36                 |                 |

# ENCAPSULATED TRANSFORMER

# 密封变压器

## EI30 SERIES EI30 系列

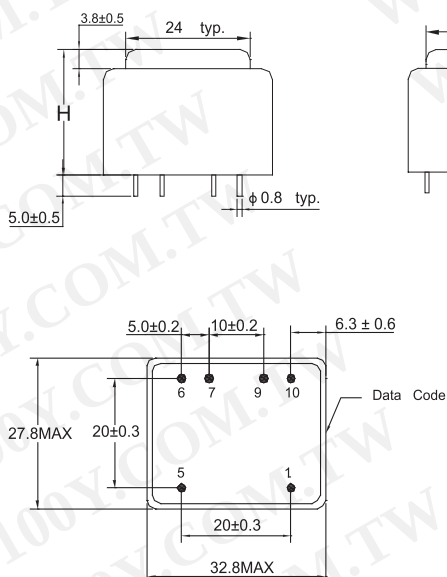
### FEATURES

- VDE/UL/CUL/CE/CQC Approval
- Temperature Class: Class B (130°C)
- Ambient Temperature (ta): 40°C or 70°C
- Vacuum Potting
- Material Flammability Classification UL94V-0
- Dielectric Strength 4200Vrms
- Operation Frequency: 50/60Hz
- Inherently Short-circuit Proof
- Resins Class B IEC 85 (20,000h Testing to IEC 216)
- Conforms to EN61558/EN60950/UL1585/UL506
- 100% Tested Production

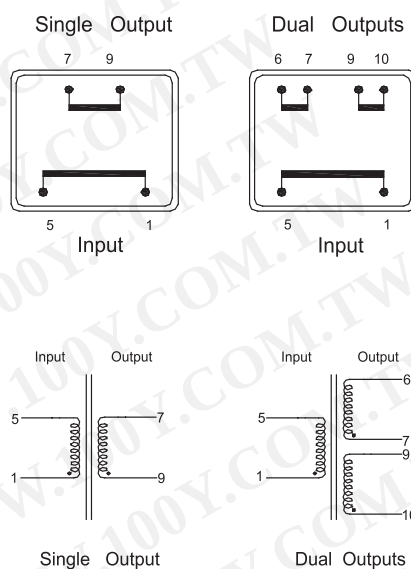
### 产品特点

- 通过 VDE/UL/CUL/CE/CQC 认证
- 温度等级: Class B (130°C)
- 环境温度 (ta): 40°C 或 70°C
- 真空灌封
- 所有材料阻燃等级 UL94V-0
- 介电强度 4200Vrms
- 工作频率: 50/60Hz
- 固有短路保护
- 封胶温度等级: B 级 (经过 20000 小时 IEC 216 测试)
- 符合 EN61558/EN60950/UL1585/UL506
- 产线全检

### OUTLINE DIMENSIONS



### ELECTRICAL SCHEMATIC





## EI30-5 SERIES 0.6VA

| Part Number   | Primary Voltage (V) | Secondary Voltage (V) | Secondary Current (mA) | No-load Voltage (V) | Ambient Temperature (°C) | Rated Power (VA) | Dimension H Max. (mm) | Weight Approx. (g) | Agency Approval  |
|---------------|---------------------|-----------------------|------------------------|---------------------|--------------------------|------------------|-----------------------|--------------------|------------------|
| UC30S-2-06006 | 230                 | 6                     | 100                    | 10.5                | T 70/B                   | 0.6              | 16                    | 41.5               | VDE<br>CE<br>CQC |
| UC30S-2-07006 | 230                 | 7.5                   | 80                     | 13                  | T 70/B                   | 0.6              | 16                    | 41.5               |                  |
| UC30S-2-09006 | 230                 | 9                     | 67                     | 15.5                | T 70/B                   | 0.6              | 16                    | 41.5               |                  |
| UC30S-2-10006 | 230                 | 10                    | 60                     | 16                  | T 70/B                   | 0.6              | 16                    | 41.5               |                  |
| UC30S-2-12006 | 230                 | 12                    | 50                     | 20.5                | T 70/B                   | 0.6              | 16                    | 41.5               |                  |
| UC30S-2-15006 | 230                 | 15                    | 40                     | 25.4                | T 70/B                   | 0.6              | 16                    | 41.5               |                  |
| UC30S-2-18006 | 230                 | 18                    | 33                     | 30.4                | T 70/B                   | 0.6              | 16                    | 41.5               |                  |
| UC30S-2-24006 | 230                 | 24                    | 25                     | 40.4                | T 70/B                   | 0.6              | 16                    | 41.5               |                  |
| UC30D-2-06006 | 230                 | 2×6                   | 2×50                   | 2×10.5              | T 70/B                   | 0.6              | 16                    | 41.5               |                  |
| UC30D-2-07006 | 230                 | 2×7.5                 | 2×40                   | 2×13                | T 70/B                   | 0.6              | 16                    | 41.5               |                  |
| UC30D-2-09006 | 230                 | 2×9                   | 2×33                   | 2×15.5              | T 70/B                   | 0.6              | 16                    | 41.5               |                  |
| UC30D-2-10006 | 230                 | 2×10                  | 2×30                   | 2×16                | T 70/B                   | 0.6              | 16                    | 41.5               |                  |
| UC30D-2-12006 | 230                 | 2×12                  | 2×25                   | 2×20.5              | T 70/B                   | 0.6              | 16                    | 41.5               |                  |
| UC30D-2-15006 | 230                 | 2×15                  | 2×20                   | 2×25.0              | T 70/B                   | 0.6              | 16                    | 41.5               |                  |
| UC30D-2-18006 | 230                 | 2×18                  | 2×17                   | 2×30.4              | T 70/B                   | 0.6              | 16                    | 41.5               | CE               |
| UC30D-2-24006 | 230                 | 2×24                  | 2×12                   | 2×40.4              | T 70/B                   | 0.6              | 16                    | 41.5               |                  |
| UC30S-1-06006 | 115                 | 6                     | 100                    | 10.5                | T 70/B                   | 0.6              | 16                    | 41.5               | VDE<br>UL<br>CE  |
| UC30S-1-07006 | 115                 | 7.5                   | 80                     | 13                  | T 70/B                   | 0.6              | 16                    | 41.5               |                  |
| UC30S-1-09006 | 115                 | 9                     | 67                     | 15.5                | T 70/B                   | 0.6              | 16                    | 41.5               |                  |
| UC30S-1-10006 | 115                 | 10                    | 60                     | 16                  | T 70/B                   | 0.6              | 16                    | 41.5               |                  |
| UC30S-1-12006 | 115                 | 12                    | 50                     | 20.5                | T 70/B                   | 0.6              | 16                    | 41.5               |                  |
| UC30S-1-15006 | 115                 | 15                    | 40                     | 25.4                | T 70/B                   | 0.6              | 16                    | 41.5               |                  |
| UC30S-1-18006 | 115                 | 18                    | 33                     | 30.4                | T 70/B                   | 0.6              | 16                    | 41.5               |                  |
| UC30S-1-24006 | 115                 | 24                    | 25                     | 40.4                | T 70/B                   | 0.6              | 16                    | 41.5               |                  |
| UC30D-1-06006 | 115                 | 2×6                   | 2×50                   | 2×10.5              | T 70/B                   | 0.6              | 16                    | 41.5               |                  |
| UC30D-1-07006 | 115                 | 2×7.5                 | 2×40                   | 2×13                | T 70/B                   | 0.6              | 16                    | 41.5               |                  |
| UC30D-1-09006 | 115                 | 2×9                   | 2×33                   | 2×15.5              | T 70/B                   | 0.6              | 16                    | 41.5               |                  |
| UC30D-1-10006 | 115                 | 2×10                  | 2×30                   | 2×16                | T 70/B                   | 0.6              | 16                    | 41.5               |                  |
| UC30D-1-12006 | 115                 | 2×12                  | 2×25                   | 2×20.5              | T 70/B                   | 0.6              | 16                    | 41.5               |                  |
| UC30D-1-15006 | 115                 | 2×15                  | 2×20                   | 2×25.0              | T 70/B                   | 0.6              | 16                    | 41.5               |                  |
| UC30D-1-18006 | 115                 | 2×18                  | 2×17                   | 2×30.4              | T 70/B                   | 0.6              | 16                    | 41.5               | UL<br>CE         |
| UC30D-1-24006 | 115                 | 2×24                  | 2×12                   | 2×40.4              | T 70/B                   | 0.6              | 16                    | 41.5               |                  |

## EI30-10.5 SERIES 1.0VA

| Part Number   | Primary Voltage (V) | Secondary Voltage (V) | Secondary Current (mA) | No-load Voltage (V) | Ambient Temperature (°C) | Rated Power (VA) | Dimension H Max. (mm) | Weight Approx. (g) | Agency Approval  |
|---------------|---------------------|-----------------------|------------------------|---------------------|--------------------------|------------------|-----------------------|--------------------|------------------|
| UC30S-2-06010 | 230                 | 6                     | 167                    | 8.6                 | T 70/B                   | 1                | 22.3                  | 71.5               | VDE<br>CE<br>CQC |
| UC30S-2-07010 | 230                 | 7.5                   | 133                    | 10.8                | T 70/B                   | 1                | 22.3                  | 71.5               |                  |
| UC30S-2-09010 | 230                 | 9                     | 111                    | 12.9                | T 70/B                   | 1                | 22.3                  | 71.5               |                  |
| UC30S-2-10010 | 230                 | 10                    | 100                    | 13.5                | T 70/B                   | 1                | 22.3                  | 71.5               |                  |
| UC30S-2-12010 | 230                 | 12                    | 83                     | 17.2                | T 70/B                   | 1                | 22.3                  | 71.5               |                  |
| UC30S-2-15010 | 230                 | 15                    | 67                     | 21.6                | T 70/B                   | 1                | 22.3                  | 71.5               |                  |
| UC30S-2-18010 | 230                 | 18                    | 56                     | 25.9                | T 70/B                   | 1                | 22.3                  | 71.5               |                  |
| UC30S-2-24010 | 230                 | 24                    | 42                     | 37.9                | T 70/B                   | 1                | 22.3                  | 71.5               |                  |
| UC30D-2-06010 | 230                 | 2×6                   | 2×83                   | 2×8.6               | T 70/B                   | 1                | 22.3                  | 71.5               |                  |
| UC30D-2-07010 | 230                 | 2×7.5                 | 2×67                   | 2×10.8              | T 70/B                   | 1                | 22.3                  | 71.5               |                  |
| UC30D-2-09010 | 230                 | 2×9                   | 2×56                   | 2×12.9              | T 70/B                   | 1                | 22.3                  | 71.5               |                  |
| UC30D-2-10010 | 230                 | 2×10                  | 2×50                   | 2×13.5              | T 70/B                   | 1                | 22.3                  | 71.5               |                  |
| UC30D-2-12010 | 230                 | 2×12                  | 2×42                   | 2×19                | T 70/B                   | 1                | 22.3                  | 71.5               |                  |
| UC30D-2-15010 | 230                 | 2×15                  | 2×33                   | 2×23.6              | T 70/B                   | 1                | 22.3                  | 71.5               |                  |
| UC30D-2-18010 | 230                 | 2×18                  | 2×28                   | 2×24.9              | T 70/B                   | 1                | 22.3                  | 71.5               | CE               |
| UC30D-2-24010 | 230                 | 2×24                  | 2×21                   | 2×37.9              | T 70/B                   | 1                | 22.3                  | 71.5               |                  |
| UC30S-1-06010 | 115                 | 6                     | 167                    | 8.6                 | T 70/B                   | 1                | 22.3                  | 71.5               | VDE<br>UL<br>CE  |
| UC30S-1-07010 | 115                 | 7.5                   | 133                    | 10.8                | T 70/B                   | 1                | 22.3                  | 71.5               |                  |
| UC30S-1-09010 | 115                 | 9                     | 111                    | 12.9                | T 70/B                   | 1                | 22.3                  | 71.5               |                  |
| UC30S-1-10010 | 115                 | 10                    | 100                    | 13.5                | T 70/B                   | 1                | 22.3                  | 71.5               |                  |
| UC30S-1-12010 | 115                 | 12                    | 83                     | 17.2                | T 70/B                   | 1                | 22.3                  | 71.5               |                  |
| UC30S-1-15010 | 115                 | 15                    | 67                     | 21.6                | T 70/B                   | 1                | 22.3                  | 71.5               |                  |
| UC30S-1-18010 | 115                 | 18                    | 56                     | 25.9                | T 70/B                   | 1                | 22.3                  | 71.5               |                  |
| UC30S-1-24010 | 115                 | 24                    | 42                     | 37.9                | T 70/B                   | 1                | 22.3                  | 71.5               |                  |
| UC30D-1-06010 | 115                 | 2×6                   | 2×83                   | 2×8.6               | T 70/B                   | 1                | 22.3                  | 71.5               |                  |
| UC30D-1-07010 | 115                 | 2×7.5                 | 2×67                   | 2×10.8              | T 70/B                   | 1                | 22.3                  | 71.5               |                  |
| UC30D-1-09010 | 115                 | 2×9                   | 2×56                   | 2×12.9              | T 70/B                   | 1                | 22.3                  | 71.5               |                  |
| UC30D-1-10010 | 115                 | 2×10                  | 2×50                   | 2×13.5              | T 70/B                   | 1                | 22.3                  | 71.5               |                  |
| UC30D-1-12010 | 115                 | 2×12                  | 2×42                   | 2×19                | T 70/B                   | 1                | 22.3                  | 71.5               |                  |
| UC30D-1-15010 | 115                 | 2×15                  | 2×33                   | 2×23.6              | T 70/B                   | 1                | 22.3                  | 71.5               |                  |
| UC30D-1-18010 | 115                 | 2×18                  | 2×28                   | 2×24.9              | T 70/B                   | 1                | 22.3                  | 71.5               | UL<br>CE         |
| UC30D-1-24010 | 115                 | 2×24                  | 2×21                   | 2×37.9              | T 70/B                   | 1                | 22.3                  | 71.5               |                  |

# ENCAPSULATED TRANSFORMER

## 密封变压器

### EI30/10.5 SERIES 1.5VA

| Part Number    | Primary Voltage (V) | Secondary Voltage (V) | Secondary Current (mA) | No-load Voltage (V) | Ambient Temperature (°C) | Rated Power (VA) | Dimension H Max. (mm) | Weight Approx. (g) | Agency Approval  |
|----------------|---------------------|-----------------------|------------------------|---------------------|--------------------------|------------------|-----------------------|--------------------|------------------|
| UC30S-2-06015A | 230                 | 6                     | 250                    | 10.1                | T 40/B                   | 1.5              | 22.3                  | 71.5               | VDE<br>CE<br>CQC |
| UC30S-2-07015A | 230                 | 7.5                   | 200                    | 12.6                | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |
| UC30S-2-09015A | 230                 | 9                     | 167                    | 15.3                | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |
| UC30S-2-10015A | 230                 | 10                    | 150                    | 15.5                | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |
| UC30S-2-12015A | 230                 | 12                    | 125                    | 20.2                | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |
| UC30S-2-15015A | 230                 | 15                    | 100                    | 25.3                | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |
| UC30S-2-18015A | 230                 | 18                    | 83                     | 31.2                | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |
| UC30S-2-24015A | 230                 | 24                    | 63                     | 43.3                | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |
| UC30D-2-06015A | 230                 | 2×6                   | 2×125                  | 2×10.1              | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |
| UC30D-2-07015A | 230                 | 2×7.5                 | 2×100                  | 2×12.6              | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |
| UC30D-2-09015A | 230                 | 2×9                   | 2×83                   | 2×15.3              | T 40/B                   | 1.5              | 22.3                  | 71.5               | CE               |
| UC30D-2-10015A | 230                 | 2×10                  | 2×75                   | 2×15.5              | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |
| UC30D-2-12015A | 230                 | 2×12                  | 2×63                   | 2×20.2              | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |
| UC30D-2-15015A | 230                 | 2×15                  | 2×50                   | 2×25.0              | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |
| UC30D-2-18015A | 230                 | 2×18                  | 2×42                   | 2×31                | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |
| UC30D-2-24015A | 230                 | 2×24                  | 2×31                   | 2×43                | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |
| UC30S-1-06015A | 115                 | 6                     | 250                    | 10.1                | T 40/B                   | 1.5              | 22.3                  | 71.5               | VDE<br>UL<br>CE  |
| UC30S-1-07015A | 115                 | 7.5                   | 200                    | 12.6                | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |
| UC30S-1-09015A | 115                 | 9                     | 167                    | 15.3                | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |
| UC30S-1-10015A | 115                 | 10                    | 150                    | 15.5                | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |
| UC30S-1-12015A | 115                 | 12                    | 125                    | 20.2                | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |
| UC30S-1-15015A | 115                 | 15                    | 100                    | 25.3                | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |
| UC30S-1-18015A | 115                 | 18                    | 83                     | 31.2                | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |
| UC30S-1-24015A | 115                 | 24                    | 63                     | 43.3                | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |
| UC30D-1-06015A | 115                 | 2×6                   | 2×125                  | 2×10.1              | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |
| UC30D-1-07015A | 115                 | 2×7.5                 | 2×100                  | 2×12.6              | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |
| UC30D-1-09015A | 115                 | 2×9                   | 2×83                   | 2×15.3              | T 40/B                   | 1.5              | 22.3                  | 71.5               | UL<br>CE         |
| UC30D-1-10015A | 115                 | 2×10                  | 2×75                   | 2×15.5              | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |
| UC30D-1-12015A | 115                 | 2×12                  | 2×63                   | 2×20.2              | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |
| UC30D-1-15015A | 115                 | 2×15                  | 2×50                   | 2×25.0              | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |
| UC30D-1-18015A | 115                 | 2×18                  | 2×42                   | 2×31                | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |
| UC30D-1-24015A | 115                 | 2×24                  | 2×31                   | 2×43                | T 40/B                   | 1.5              | 22.3                  | 71.5               |                  |

### EI30-12.5 SERIES 1.5VA

| Part Number   | Primary Voltage (V) | Secondary Voltage (V) | Secondary Current (mA) | No-load Voltage (V) | Ambient Temperature (°C) | Rated Power (VA) | Dimension H Max. (mm) | Weight Approx. (g) | Agency Approval  |
|---------------|---------------------|-----------------------|------------------------|---------------------|--------------------------|------------------|-----------------------|--------------------|------------------|
| UC30S-2-06015 | 230                 | 6                     | 250                    | 9.7                 | T 70/B                   | 1.5              | 24.4                  | 82                 | VDE<br>CE<br>CQC |
| UC30S-2-07015 | 230                 | 7.5                   | 200                    | 12.1                | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |
| UC30S-2-09015 | 230                 | 9                     | 167                    | 14.5                | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |
| UC30S-2-10015 | 230                 | 10                    | 150                    | 14.9                | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |
| UC30S-2-12015 | 230                 | 12                    | 125                    | 19.3                | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |
| UC30S-2-15015 | 230                 | 15                    | 100                    | 24.2                | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |
| UC30S-2-18015 | 230                 | 18                    | 83                     | 29.8                | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |
| UC30S-2-24015 | 230                 | 24                    | 63                     | 38.6                | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |
| UC30D-2-06015 | 230                 | 2×6                   | 2×125                  | 2×9.7               | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |
| UC30D-2-07015 | 230                 | 2×7.5                 | 2×100                  | 2×12.1              | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |
| UC30D-2-09015 | 230                 | 2×9                   | 2×83                   | 2×15                | T 70/B                   | 1.5              | 24.4                  | 82                 | CE               |
| UC30D-2-10015 | 230                 | 2×10                  | 2×75                   | 2×15                | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |
| UC30D-2-12015 | 230                 | 2×12                  | 2×63                   | 2×19.3              | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |
| UC30D-2-15015 | 230                 | 2×15                  | 2×50                   | 2×24.2              | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |
| UC30D-2-18015 | 230                 | 2×18                  | 2×42                   | 2×29                | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |
| UC30D-2-24015 | 230                 | 2×24                  | 2×31                   | 2×38.6              | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |
| UC30S-1-06015 | 115                 | 6                     | 250                    | 9.7                 | T 70/B                   | 1.5              | 24.4                  | 82                 | VDE<br>UL<br>CE  |
| UC30S-1-07015 | 115                 | 7.5                   | 200                    | 12.1                | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |
| UC30S-1-09015 | 115                 | 9                     | 167                    | 14.5                | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |
| UC30S-1-10015 | 115                 | 10                    | 150                    | 14.9                | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |
| UC30S-1-12015 | 115                 | 12                    | 125                    | 19.3                | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |
| UC30S-1-15015 | 115                 | 15                    | 100                    | 24.2                | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |
| UC30S-1-18015 | 115                 | 18                    | 83                     | 29.8                | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |
| UC30S-1-24015 | 115                 | 24                    | 63                     | 38.6                | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |
| UC30D-1-06015 | 115                 | 2×6                   | 2×125                  | 2×9.7               | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |
| UC30D-1-07015 | 115                 | 2×7.5                 | 2×100                  | 2×12.1              | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |
| UC30D-1-09015 | 115                 | 2×9                   | 2×83                   | 2×15                | T 70/B                   | 1.5              | 24.4                  | 82                 | UL<br>CE         |
| UC30D-1-10015 | 115                 | 2×10                  | 2×75                   | 2×15                | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |
| UC30D-1-12015 | 115                 | 2×12                  | 2×63                   | 2×19.3              | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |
| UC30D-1-15015 | 115                 | 2×15                  | 2×50                   | 2×24.2              | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |
| UC30D-1-18015 | 115                 | 2×18                  | 2×42                   | 2×29                | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |
| UC30D-1-24015 | 115                 | 2×24                  | 2×31                   | 2×38.6              | T 70/B                   | 1.5              | 24.4                  | 82                 |                  |



## EI30-12.5 SERIES 1.8VA

| Part Number   | Primary Voltage (V) | Secondary Voltage (V) | Secondary Current (mA) | No-load Voltage (V) | Ambient Temperature (°C) | Rated Power (VA) | Dimension H Max. (mm) | Weight Approx. (g) | Agency Approval  |
|---------------|---------------------|-----------------------|------------------------|---------------------|--------------------------|------------------|-----------------------|--------------------|------------------|
| UC30S-2-06018 | 230                 | 6                     | 300                    | 9.8                 | T 40/B                   | 1.8              | 24.4                  | 82                 | VDE<br>CE<br>CQC |
| UC30S-2-07018 | 230                 | 7.5                   | 240                    | 12.5                | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |
| UC30S-2-09018 | 230                 | 9                     | 200                    | 14.8                | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |
| UC30S-2-10018 | 230                 | 10                    | 180                    | 15.2                | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |
| UC30S-2-12018 | 230                 | 12                    | 150                    | 19.7                | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |
| UC30S-2-15018 | 230                 | 15                    | 120                    | 24.6                | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |
| UC30S-2-18018 | 230                 | 18                    | 100                    | 30.3                | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |
| UC30S-2-24018 | 230                 | 24                    | 75                     | 39.3                | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |
| UC30D-2-06018 | 230                 | 2×6                   | 2×150                  | 2×9.8               | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |
| UC30D-2-07018 | 230                 | 2×7.5                 | 2×120                  | 2×12.5              | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |
| UC30D-2-09018 | 230                 | 2×9                   | 2×100                  | 2×15.2              | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |
| UC30D-2-10018 | 230                 | 2×10                  | 2×90                   | 2×15.6              | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |
| UC30D-2-12018 | 230                 | 2×12                  | 2×75                   | 2×19.7              | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |
| UC30D-2-15018 | 230                 | 2×15                  | 2×60                   | 2×24.6              | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |
| UC30D-2-18018 | 230                 | 2×18                  | 2×50                   | 2×29.5              | T 40/B                   | 1.8              | 24.4                  | 82                 | CE               |
| UC30D-2-24018 | 230                 | 2×24                  | 2×38                   | 2×39.3              | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |
| UC30S-1-06018 | 115                 | 6                     | 300                    | 9.8                 | T 40/B                   | 1.8              | 24.4                  | 82                 | VDE<br>UL<br>CE  |
| UC30S-1-07018 | 115                 | 7.5                   | 240                    | 12.5                | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |
| UC30S-1-09018 | 115                 | 9                     | 200                    | 14.8                | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |
| UC30S-1-10018 | 115                 | 10                    | 180                    | 15.2                | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |
| UC30S-1-12018 | 115                 | 12                    | 150                    | 19.7                | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |
| UC30S-1-15018 | 115                 | 15                    | 120                    | 24.6                | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |
| UC30S-1-18018 | 115                 | 18                    | 100                    | 30.3                | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |
| UC30S-1-24018 | 115                 | 24                    | 75                     | 39.3                | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |
| UC30D-1-06018 | 115                 | 2×6                   | 2×150                  | 2×9.8               | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |
| UC30D-1-07018 | 115                 | 2×7.5                 | 2×120                  | 2×12.5              | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |
| UC30D-1-09018 | 115                 | 2×9                   | 2×100                  | 2×15.2              | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |
| UC30D-1-10018 | 115                 | 2×10                  | 2×90                   | 2×15.6              | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |
| UC30D-1-12018 | 115                 | 2×12                  | 2×75                   | 2×19.7              | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |
| UC30D-1-15018 | 115                 | 2×15                  | 2×60                   | 2×24.6              | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |
| UC30D-1-18018 | 115                 | 2×18                  | 2×50                   | 2×29.5              | T 40/B                   | 1.8              | 24.4                  | 82                 | UL<br>CE         |
| UC30D-1-24018 | 115                 | 2×24                  | 2×38                   | 2×39.3              | T 40/B                   | 1.8              | 24.4                  | 82                 |                  |

## EI30/15.5 SERIES 2.0VA

| Part Number   | Primary Voltage (V) | Secondary Voltage (V) | Secondary Current (mA) | No-load Voltage (V) | Ambient Temperature (°C) | Rated Power (VA) | Dimension H Max. (mm) | Weight Approx. (g) | Agency Approval  |
|---------------|---------------------|-----------------------|------------------------|---------------------|--------------------------|------------------|-----------------------|--------------------|------------------|
| UC30S-1-06020 | 115                 | 6                     | 333                    | 10.4                | T 70/B                   | 2                | 27.4                  | 100                | VDE<br>UL<br>CE  |
| UC30S-1-07020 | 115                 | 7.5                   | 267                    | 12.9                | T 70/B                   | 2                | 27.4                  | 100                |                  |
| UC30S-1-09020 | 115                 | 9                     | 222                    | 15.5                | T 70/B                   | 2                | 27.4                  | 100                |                  |
| UC30S-1-10020 | 115                 | 10                    | 200                    | 16                  | T 70/B                   | 2                | 27.4                  | 100                |                  |
| UC30S-1-12020 | 115                 | 12                    | 167                    | 20.7                | T 70/B                   | 2                | 27.4                  | 100                |                  |
| UC30S-1-15020 | 115                 | 15                    | 133                    | 25.8                | T 70/B                   | 2                | 27.4                  | 100                |                  |
| UC30S-1-18020 | 115                 | 18                    | 111                    | 30.8                | T 70/B                   | 2                | 27.4                  | 100                |                  |
| UC30S-1-24020 | 115                 | 24                    | 83                     | 41.4                | T 70/B                   | 2                | 27.4                  | 100                |                  |
| UC30D-1-06020 | 115                 | 2×6                   | 2×167                  | 2×10.4              | T 70/B                   | 2                | 27.4                  | 100                |                  |
| UC30D-1-07020 | 115                 | 2×7.5                 | 2×133                  | 2×12.9              | T 70/B                   | 2                | 27.4                  | 100                |                  |
| UC30D-1-09020 | 115                 | 2×9                   | 2×111                  | 2×15.4              | T 70/B                   | 2                | 27.4                  | 100                |                  |
| UC30D-1-10020 | 115                 | 2×10                  | 2×100                  | 2×16                | T 70/B                   | 2                | 27.4                  | 100                |                  |
| UC30D-1-12020 | 115                 | 2×12                  | 2×83                   | 2×20.7              | T 70/B                   | 2                | 27.4                  | 100                |                  |
| UC30D-1-15020 | 115                 | 2×15                  | 2×67                   | 2×25.0              | T 70/B                   | 2                | 27.4                  | 100                | UL<br>CE         |
| UC30D-1-18020 | 115                 | 2×18                  | 2×56                   | 2×30.8              | T 70/B                   | 2                | 27.4                  | 100                |                  |
| UC30D-1-24020 | 115                 | 2×24                  | 2×42                   | 2×41.4              | T 70/B                   | 2                | 27.4                  | 100                | VDE<br>CE<br>CQC |
| UC30S-2-06020 | 230                 | 6                     | 333                    | 10.4                | T 70/B                   | 2                | 27.4                  | 100                |                  |
| UC30S-2-07010 | 230                 | 7.5                   | 267                    | 12.9                | T 70/B                   | 2                | 27.4                  | 100                |                  |
| UC30S-2-09020 | 230                 | 9                     | 222                    | 15.5                | T 70/B                   | 2                | 27.4                  | 100                |                  |
| UC30S-2-10020 | 230                 | 10                    | 200                    | 16                  | T 70/B                   | 2                | 27.4                  | 100                |                  |
| UC30S-2-12020 | 230                 | 12                    | 167                    | 20.7                | T 70/B                   | 2                | 27.4                  | 100                |                  |
| UC30S-2-15020 | 230                 | 15                    | 133                    | 25.8                | T 70/B                   | 2                | 27.4                  | 100                |                  |
| UC30S-2-18020 | 230                 | 18                    | 111                    | 30.8                | T 70/B                   | 2                | 27.4                  | 100                |                  |
| UC30S-2-24020 | 230                 | 24                    | 83                     | 41.4                | T 70/B                   | 2                | 27.4                  | 100                |                  |
| UC30D-2-06020 | 230                 | 2×6                   | 2×167                  | 2×10.4              | T 70/B                   | 2                | 27.4                  | 100                |                  |
| UC30D-2-07020 | 230                 | 2×7.5                 | 2×133                  | 2×12.9              | T 70/B                   | 2                | 27.4                  | 100                |                  |
| UC30D-2-09020 | 230                 | 2×9                   | 2×111                  | 2×15.4              | T 70/B                   | 2                | 27.4                  | 100                |                  |
| UC30D-2-10020 | 230                 | 2×10                  | 2×100                  | 2×16                | T 70/B                   | 2                | 27.4                  | 100                |                  |
| UC30D-2-12020 | 230                 | 2×12                  | 2×83                   | 2×20.7              | T 70/B                   | 2                | 27.4                  | 100                |                  |
| UC30D-2-15020 | 230                 | 2×15                  | 2×67                   | 2×25.0              | T 70/B                   | 2                | 27.4                  | 100                | CE               |
| UC30D-2-18020 | 230                 | 2×18                  | 2×56                   | 2×30.8              | T 70/B                   | 2                | 27.4                  | 100                |                  |
| UC30D-2-24020 | 230                 | 2×24                  | 2×42                   | 2×41.4              | T 70/B                   | 2                | 27.4                  | 100                |                  |

# ENCAPSULATED TRANSFORMER

## 密封变压器

### EI30/15.5 SERIES 2.4VA

| Part Number   | Primary Voltage (V) | Secondary Voltage (V) | Secondary Current (mA) | No-load Voltage (V) | Ambient Temperature (°C) | Rated Power (VA) | Dimension H Max. (mm) | Weight Approx. (g) | Agency Approval  |
|---------------|---------------------|-----------------------|------------------------|---------------------|--------------------------|------------------|-----------------------|--------------------|------------------|
| UC30S-1-06024 | 115                 | 6                     | 400                    | 10.5                | T 40/B                   | 2.4              | 27.4                  | 100                | VDE<br>UL<br>CE  |
| UC30S-1-07024 | 115                 | 7.5                   | 320                    | 13.1                | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30S-1-09024 | 115                 | 9                     | 267                    | 15.5                | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30S-1-10024 | 115                 | 10                    | 240                    | 16                  | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30S-1-12024 | 115                 | 12                    | 200                    | 21                  | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30S-1-15024 | 115                 | 15                    | 160                    | 25.3                | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30S-1-18024 | 115                 | 18                    | 133                    | 31                  | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30S-1-24024 | 115                 | 24                    | 100                    | 42                  | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30D-1-06024 | 115                 | 2×6                   | 2×200                  | 2×10.5              | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30D-1-07024 | 115                 | 2×7.5                 | 2×160                  | 2×13.1              | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30D-1-09024 | 115                 | 2×9                   | 2×133                  | 2×15.5              | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30D-1-10024 | 115                 | 2×10                  | 2×120                  | 2×16                | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30D-1-12024 | 115                 | 2×12                  | 2×100                  | 2×21                | T 40/B                   | 2.4              | 27.4                  | 100                | UL<br>CE         |
| UC30D-1-15024 | 115                 | 2×15                  | 2×80                   | 2×24.5              | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30D-1-18024 | 115                 | 2×18                  | 2×67                   | 2×31                | T 40/B                   | 2.4              | 27.4                  | 100                | VDE<br>CE<br>CQC |
| UC30D-1-24024 | 115                 | 2×24                  | 2×50                   | 2×42                | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30S-2-06024 | 230                 | 6                     | 400                    | 10.5                | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30S-2-07024 | 230                 | 7.5                   | 320                    | 13.1                | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30S-2-09024 | 230                 | 9                     | 267                    | 15.5                | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30S-2-10024 | 230                 | 10                    | 240                    | 16                  | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30S-2-12024 | 230                 | 12                    | 200                    | 21                  | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30S-2-15024 | 230                 | 15                    | 160                    | 25.3                | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30S-2-18024 | 230                 | 18                    | 133                    | 31                  | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30S-2-24024 | 230                 | 24                    | 100                    | 42                  | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30D-2-06024 | 230                 | 2×6                   | 2×200                  | 2×10.5              | T 40/B                   | 2.4              | 27.4                  | 100                | VDE<br>CE<br>CQC |
| UC30D-2-07024 | 230                 | 2×7.5                 | 2×160                  | 2×13.1              | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30D-2-09024 | 230                 | 2×9                   | 2×133                  | 2×15.5              | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30D-2-10024 | 230                 | 2×10                  | 2×120                  | 2×16                | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30D-2-12024 | 230                 | 2×12                  | 2×100                  | 2×21                | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30D-2-15024 | 230                 | 2×15                  | 2×80                   | 2×24.5              | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30D-2-18024 | 230                 | 2×18                  | 2×67                   | 2×31                | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30D-2-24024 | 230                 | 2×24                  | 2×50                   | 2×42                | T 40/B                   | 2.4              | 27.4                  | 100                |                  |
| UC30D-2-06023 | 115                 | 6                     | 383                    | 10.5                | T 70/B                   | 2.3              | 29.8                  | 110                | VDE<br>UL<br>CE  |
| UC30S-1-07023 | 115                 | 7.5                   | 307                    | 13.1                | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30S-1-09023 | 115                 | 9                     | 256                    | 15.7                | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30S-1-10023 | 115                 | 10                    | 230                    | 16                  | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30S-1-12023 | 115                 | 12                    | 192                    | 21                  | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30S-1-15023 | 115                 | 15                    | 153                    | 25.9                | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30S-1-18023 | 115                 | 18                    | 128                    | 31.4                | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30S-1-24023 | 115                 | 24                    | 96                     | 41.9                | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-1-06023 | 115                 | 2×6                   | 2×192                  | 2×10.5              | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-1-07023 | 115                 | 2×7.5                 | 2×153                  | 2×13.1              | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-1-09023 | 115                 | 2×9                   | 2×128                  | 2×15.7              | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-1-1023  | 115                 | 2×10                  | 2×115                  | 2×16                | T 70/B                   | 2.3              | 29.8                  | 110                | VDE<br>CE<br>CQC |
| UC30D-1-12023 | 115                 | 2×12                  | 2×96                   | 2×21                | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-1-15023 | 115                 | 2×15                  | 2×77                   | 2×25.0              | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-1-18023 | 115                 | 2×18                  | 2×64                   | 2×31.4              | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-1-24023 | 115                 | 2×24                  | 2×48                   | 2×41.9              | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30S-2-06023 | 230                 | 6                     | 383                    | 10.5                | T 70/B                   | 2.3              | 29.8                  | 110                | VDE<br>CE<br>CQC |
| UC30S-2-07023 | 230                 | 7.5                   | 307                    | 13.1                | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30S-2-09023 | 230                 | 9                     | 256                    | 15.7                | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30S-2-10023 | 230                 | 10                    | 230                    | 16                  | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30S-2-12023 | 230                 | 12                    | 192                    | 21                  | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30S-2-15023 | 230                 | 15                    | 153                    | 25.9                | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30S-2-18023 | 230                 | 18                    | 128                    | 31.4                | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30S-2-24023 | 230                 | 24                    | 96                     | 41.9                | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-2-06023 | 230                 | 2×6                   | 2×192                  | 2×10.5              | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-2-07023 | 230                 | 2×7.5                 | 2×153                  | 2×13.1              | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-2-09023 | 230                 | 2×9                   | 2×128                  | 2×15.7              | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-2-10023 | 230                 | 2×10                  | 2×115                  | 2×16                | T 70/B                   | 2.3              | 29.8                  | 110                | CE               |
| UC30D-2-12023 | 230                 | 2×12                  | 2×96                   | 2×21                | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-2-15023 | 230                 | 2×15                  | 2×77                   | 2×25.0              | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-2-18023 | 230                 | 2×18                  | 2×64                   | 2×31.4              | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-2-24023 | 230                 | 2×24                  | 2×48                   | 2×41.9              | T 70/B                   | 2.3              | 29.8                  | 110                |                  |

### EI30/18 SERIES 2.3VA

| Part Number   | Primary Voltage (V) | Secondary Voltage (V) | Secondary Current (mA) | No-load Voltage (V) | Ambient Temperature (°C) | Rated Power (VA) | Dimension H Max. (mm) | Weight Approx. (g) | Agency Approval  |
|---------------|---------------------|-----------------------|------------------------|---------------------|--------------------------|------------------|-----------------------|--------------------|------------------|
| UC30S-1-06023 | 115                 | 6                     | 383                    | 10.5                | T 70/B                   | 2.3              | 29.8                  | 110                | VDE<br>UL<br>CE  |
| UC30S-1-07023 | 115                 | 7.5                   | 307                    | 13.1                | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30S-1-09023 | 115                 | 9                     | 256                    | 15.7                | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30S-1-10023 | 115                 | 10                    | 230                    | 16                  | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30S-1-12023 | 115                 | 12                    | 192                    | 21                  | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30S-1-15023 | 115                 | 15                    | 153                    | 25.9                | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30S-1-18023 | 115                 | 18                    | 128                    | 31.4                | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30S-1-24023 | 115                 | 24                    | 96                     | 41.9                | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-1-06023 | 115                 | 2×6                   | 2×192                  | 2×10.5              | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-1-07023 | 115                 | 2×7.5                 | 2×153                  | 2×13.1              | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-1-09023 | 115                 | 2×9                   | 2×128                  | 2×15.7              | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-1-1023  | 115                 | 2×10                  | 2×115                  | 2×16                | T 70/B                   | 2.3              | 29.8                  | 110                | VDE<br>CE<br>CQC |
| UC30D-1-12023 | 115                 | 2×12                  | 2×96                   | 2×21                | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-1-15023 | 115                 | 2×15                  | 2×77                   | 2×25.0              | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-1-18023 | 115                 | 2×18                  | 2×64                   | 2×31.4              | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-1-24023 | 115                 | 2×24                  | 2×48                   | 2×41.9              | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30S-2-06023 | 230                 | 6                     | 383                    | 10.5                | T 70/B                   | 2.3              | 29.8                  | 110                | VDE<br>CE<br>CQC |
| UC30S-2-07023 | 230                 | 7.5                   | 307                    | 13.1                | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30S-2-09023 | 230                 | 9                     | 256                    | 15.7                | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30S-2-10023 | 230                 | 10                    | 230                    | 16                  | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30S-2-12023 | 230                 | 12                    | 192                    | 21                  | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30S-2-15023 | 230                 | 15                    | 153                    | 25.9                | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30S-2-18023 | 230                 | 18                    | 128                    | 31.4                | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30S-2-24023 | 230                 | 24                    | 96                     | 41.9                | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-2-06023 | 230                 | 2×6                   | 2×192                  | 2×10.5              | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-2-07023 | 230                 | 2×7.5                 | 2×153                  | 2×13.1              | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-2-09023 | 230                 | 2×9                   | 2×128                  | 2×15.7              | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-2-10023 | 230                 | 2×10                  | 2×115                  | 2×16                | T 70/B                   | 2.3              | 29.8                  | 110                | CE               |
| UC30D-2-12023 | 230                 | 2×12                  | 2×96                   | 2×21                | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-2-15023 | 230                 | 2×15                  | 2×77                   | 2×25.0              | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-2-18023 | 230                 | 2×18                  | 2×64                   | 2×31.4              | T 70/B                   | 2.3              | 29.8                  | 110                |                  |
| UC30D-2-24023 | 230                 | 2×24                  | 2×48                   | 2×41.9              | T 70/B                   | 2.3              | 29.8                  | 110                |                  |



## EI30/18 SERIES 2.8VA

| Part Number   | Primary Voltage (V) | Secondary Voltage (V) | Secondary Current (mA) | No-load Voltage (V) | Ambient Temperature (°C) | Rated Power (VA) | Dimension H Max. (mm) | Weight Approx. (g) | Agency Approval  |
|---------------|---------------------|-----------------------|------------------------|---------------------|--------------------------|------------------|-----------------------|--------------------|------------------|
| UC30S-1-06028 | 115                 | 6                     | 467                    | 10.5                | T 40/B                   | 2.8              | 29.8                  | 110                | VDE<br>UL<br>CE  |
| UC30S-1-07028 | 115                 | 7.5                   | 373                    | 13.2                | T 40/B                   | 2.8              | 29.8                  | 110                |                  |
| UC30S-1-09028 | 115                 | 9                     | 311                    | 15.4                | T 40/B                   | 2.8              | 29.8                  | 110                |                  |
| UC30S-1-10028 | 115                 | 10                    | 280                    | 15.9                | T 40/B                   | 2.8              | 29.8                  | 110                |                  |
| UC30S-1-12028 | 115                 | 12                    | 233                    | 21.1                | T 40/B                   | 2.8              | 29.8                  | 110                |                  |
| UC30S-1-15028 | 115                 | 15                    | 187                    | 26.3                | T 40/B                   | 2.8              | 29.8                  | 110                |                  |
| UC30S-1-18028 | 115                 | 18                    | 156                    | 30.9                | T 40/B                   | 2.8              | 29.8                  | 110                |                  |
| UC30S-1-24028 | 115                 | 24                    | 117                    | 42.1                | T 40/B                   | 2.8              | 29.8                  | 110                |                  |
| UC30D-1-06028 | 115                 | 2×6                   | 2×233                  | 2×10.6              | T 40/B                   | 2.8              | 29.8                  | 110                |                  |
| UC30D-1-07028 | 115                 | 2×7.5                 | 2×187                  | 2×13.1              | T 40/B                   | 2.8              | 29.8                  | 110                |                  |
| UC30D-1-09028 | 115                 | 2×9                   | 2×155                  | 2×15.4              | T 40/B                   | 2.8              | 29.8                  | 110                |                  |
| UC30D-1-10028 | 115                 | 2×10                  | 2×140                  | 2×15.9              | T 40/B                   | 2.8              | 29.8                  | 110                |                  |
| UC30D-1-12028 | 115                 | 2×12                  | 2×117                  | 2×21.1              | T 40/B                   | 2.8              | 29.8                  | 110                |                  |
| UC30D-1-15028 | 115                 | 2×15                  | 2×93                   | 2×25                | T 40/B                   | 2.8              | 29.8                  | 110                |                  |
| UC30D-1-18028 | 115                 | 2×18                  | 2×70                   | 2×31.5              | T 40/B                   | 2.8              | 29.8                  | 110                | UL<br>CE         |
| UC30D-1-24028 | 115                 | 2×24                  | 2×58                   | 2×42.1              | T 40/B                   | 2.8              | 29.8                  | 110                |                  |
| UC30S-2-06028 | 230                 | 6                     | 467                    | 10.5                | T 40/B                   | 2.8              | 29.8                  | 110                | VDE<br>CE<br>CQC |
| UC30S-2-07028 | 230                 | 7.5                   | 373                    | 13.2                | T 40/B                   | 2.8              | 29.8                  | 110                |                  |
| UC30S-2-09028 | 230                 | 9                     | 311                    | 15.4                | T 40/B                   | 2.8              | 29.8                  | 110                |                  |
| UC30S-2-10028 | 230                 | 10                    | 280                    | 15.9                | T 40/B                   | 2.8              | 29.8                  | 110                |                  |
| UC30S-2-12028 | 230                 | 12                    | 233                    | 21.1                | T 40/B                   | 2.8              | 29.8                  | 110                |                  |
| UC30S-2-15028 | 230                 | 15                    | 187                    | 26.3                | T 40/B                   | 2.8              | 29.8                  | 110                |                  |
| UC30S-2-18028 | 230                 | 18                    | 156                    | 30.9                | T 40/B                   | 2.8              | 29.8                  | 110                |                  |
| UC30S-2-24028 | 230                 | 24                    | 117                    | 42.1                | T 40/B                   | 2.8              | 29.8                  | 110                |                  |
| UC30D-2-06028 | 230                 | 2×6                   | 2×233                  | 2×10.6              | T 40/B                   | 2.8              | 29.8                  | 110                |                  |
| UC30D-2-07028 | 230                 | 2×7.5                 | 2×187                  | 2×13.1              | T 40/B                   | 2.8              | 29.8                  | 110                |                  |
| UC30D-2-09028 | 230                 | 2×9                   | 2×155                  | 2×15.4              | T 40/B                   | 2.8              | 29.8                  | 110                |                  |
| UC30D-2-10028 | 230                 | 2×10                  | 2×140                  | 2×15.9              | T 40/B                   | 2.8              | 29.8                  | 110                |                  |
| UC30D-2-12028 | 230                 | 2×12                  | 2×117                  | 2×21.1              | T 40/B                   | 2.8              | 29.8                  | 110                |                  |
| UC30D-2-15028 | 230                 | 2×15                  | 2×93                   | 2×25                | T 40/B                   | 2.8              | 29.8                  | 110                |                  |
| UC30D-2-18028 | 230                 | 2×18                  | 2×70                   | 2×31.5              | T 40/B                   | 2.8              | 29.8                  | 110                | CE               |
| UC30D-2-24028 | 230                 | 2×24                  | 2×58                   | 2×42.1              | T 40/B                   | 2.8              | 29.8                  | 110                |                  |

# ENCAPSULATED TRANSFORMER

# 密封变压器

## EI38 SERIES EI38 系列

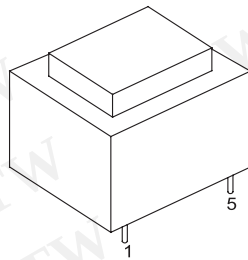
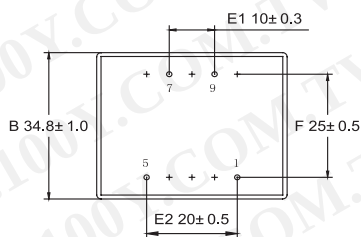
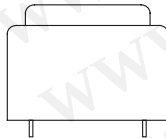
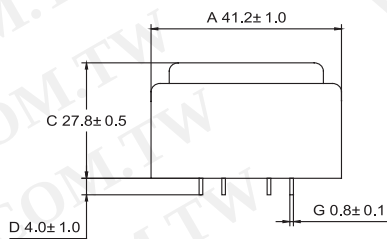
### FEATURES

- Temperature Class: Class B (130°C)
- Ambient Temperature (ta): 70°C
- Vacuum Potting
- Material Flammability Classification UL94V-0
- Dielectric Strength 4200Vrms
- Operation Frequency: 50/60Hz
- Inherently Short-circuit Proof
- Resins Class B IEC 85 (20,000h Testing to IEC 216)
- Conforms to EN61558/EN60950/UL1585/UL506
- 100% Tested Production

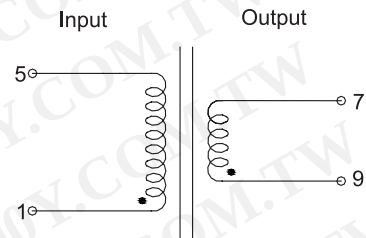
### 产品特点

- 温度等级: Class B (130°C)
- 环境温度 (ta): 70°C
- 真空灌封
- 所有材料阻燃等级UL94V-0
- 介电强度4200Vrms
- 工作频率: 50/60Hz
- 固有短路保护
- 封胶温度等级: B级 (经过20000小时IEC216测试)
- 符合EN61558/EN60950/UL1585/UL506
- 产线全检

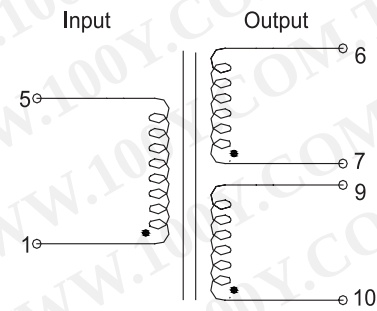
### OUTLINE DIMENSIONS



### ELECTRICAL SCHEMATIC



Single Output



Dual Outputs

## EI38/13.6 SERIES 3.2VA

| Part Number   | Primary Voltage (V) | Secondary Voltage (V) | Secondary current (mA) | No-load Voltage (V) | Ambient Temperature (°C) | Rated Power (VA) | Dimension H max. (mm) | Weight approx. (g) |
|---------------|---------------------|-----------------------|------------------------|---------------------|--------------------------|------------------|-----------------------|--------------------|
| UC38S-1-06032 | 115                 | 6                     | 534                    | 8.9                 | T 70/B                   | 3.2              | 28.3                  | 153                |
| UC38S-1-09032 | 115                 | 9                     | 356                    | 13                  | T 70/B                   | 3.2              | 28.3                  | 153                |
| UC38S-1-12032 | 115                 | 12                    | 267                    | 17                  | T 70/B                   | 3.2              | 28.3                  | 153                |
| UC38S-1-15032 | 115                 | 15                    | 214                    | 21                  | T 70/B                   | 3.2              | 28.3                  | 153                |
| UC38S-1-18032 | 115                 | 18                    | 178                    | 25.1                | T 70/B                   | 3.2              | 28.3                  | 153                |
| UC38S-1-24032 | 115                 | 24                    | 133                    | 33.5                | T 70/B                   | 3.2              | 28.3                  | 153                |
| UC38D-1-06032 | 115                 | 2×6                   | 2×267                  | 2×8.9               | T 70/B                   | 3.2              | 28.3                  | 153                |
| UC38D-1-09032 | 115                 | 2×9                   | 2×178                  | 2×13                | T 70/B                   | 3.2              | 28.3                  | 153                |
| UC38D-1-12032 | 115                 | 2×12                  | 2×134                  | 2×17                | T 70/B                   | 3.2              | 28.3                  | 153                |
| UC38D-1-15032 | 115                 | 2×15                  | 2×107                  | 2×21                | T 70/B                   | 3.2              | 28.3                  | 153                |
| UC38D-1-18032 | 115                 | 2×18                  | 2×89                   | 2×25.1              | T 70/B                   | 3.2              | 28.3                  | 153                |
| UC38D-1-24032 | 115                 | 2×24                  | 2×67                   | 2×33.5              | T 70/B                   | 3.2              | 28.3                  | 153                |
| UC38S-2-06032 | 230                 | 6                     | 534                    | 8.9                 | T 70/B                   | 3.2              | 28.3                  | 153                |
| UC38S-2-09032 | 230                 | 9                     | 356                    | 13                  | T 70/B                   | 3.2              | 28.3                  | 153                |
| UC38S-2-12032 | 230                 | 12                    | 267                    | 17                  | T 70/B                   | 3.2              | 28.3                  | 153                |
| UC38S-2-15032 | 230                 | 15                    | 214                    | 21                  | T 70/B                   | 3.2              | 28.3                  | 153                |
| UC38S-2-18032 | 230                 | 18                    | 178                    | 25.1                | T 70/B                   | 3.2              | 28.3                  | 153                |
| UC38S-2-24032 | 230                 | 24                    | 133                    | 33.5                | T 70/B                   | 3.2              | 28.3                  | 153                |
| UC38D-2-06032 | 230                 | 2×6                   | 2×267                  | 2×8.9               | T 70/B                   | 3.2              | 28.3                  | 153                |
| UC38D-2-09032 | 230                 | 2×9                   | 2×178                  | 2×13                | T 70/B                   | 3.2              | 28.3                  | 153                |
| UC38D-2-12032 | 230                 | 2×12                  | 2×134                  | 2×17                | T 70/B                   | 3.2              | 28.3                  | 153                |
| UC38D-2-15032 | 230                 | 2×15                  | 2×107                  | 2×21                | T 70/B                   | 3.2              | 28.3                  | 153                |
| UC38D-2-18032 | 230                 | 2×18                  | 2×89                   | 2×25.1              | T 70/B                   | 3.2              | 28.3                  | 153                |
| UC38D-2-24032 | 230                 | 2×24                  | 2×67                   | 2×33.5              | T 70/B                   | 3.2              | 28.3                  | 153                |

## EI38/13.6 SERIES 4.0VA

| Part Number   | Primary Voltage (V) | Secondary Voltage (V) | Secondary current (mA) | No-load Voltage (V) | Ambient Temperature (°C) | Rated Power (VA) | Dimension H max. (mm) | Weight approx. (g) |
|---------------|---------------------|-----------------------|------------------------|---------------------|--------------------------|------------------|-----------------------|--------------------|
| UC38S-1-06040 | 115                 | 6                     | 667                    | 8.5                 | T 70/B                   | 4                | 28.3                  | 153                |
| UC38S-1-09040 | 115                 | 9                     | 444                    | 12.6                | T 70/B                   | 4                | 28.3                  | 153                |
| UC38S-1-12040 | 115                 | 12                    | 333                    | 16.4                | T 70/B                   | 4                | 28.3                  | 153                |
| UC38S-1-15040 | 115                 | 15                    | 267                    | 20.9                | T 70/B                   | 4                | 28.3                  | 153                |
| UC38S-1-18040 | 115                 | 18                    | 222                    | 24.3                | T 70/B                   | 4                | 28.3                  | 153                |
| UC38S-1-24040 | 115                 | 24                    | 167                    | 32.8                | T 70/B                   | 4                | 28.3                  | 153                |
| UC38D-1-06040 | 115                 | 2×6                   | 2×333                  | 2×8.5               | T 70/B                   | 4                | 28.3                  | 153                |
| UC38D-1-09040 | 115                 | 2×9                   | 2×222                  | 2×12.5              | T 70/B                   | 4                | 28.3                  | 153                |
| UC38D-1-12040 | 115                 | 2×12                  | 2×167                  | 2×16.4              | T 70/B                   | 4                | 28.3                  | 153                |
| UC38D-1-15040 | 115                 | 2×15                  | 2×133                  | 2×21.2              | T 70/B                   | 4                | 28.3                  | 153                |
| UC38D-1-18040 | 115                 | 2×18                  | 2×111                  | 2×24.5              | T 70/B                   | 4                | 28.3                  | 153                |
| UC38D-1-24040 | 115                 | 2×24                  | 2×83                   | 2×32.7              | T 70/B                   | 4                | 28.3                  | 153                |
| UC38S-2-06040 | 230                 | 6                     | 667                    | 8.5                 | T 70/B                   | 4                | 28.3                  | 153                |
| UC38S-2-09040 | 230                 | 9                     | 444                    | 12.6                | T 70/B                   | 4                | 28.3                  | 153                |
| UC38S-2-12040 | 230                 | 12                    | 333                    | 16.4                | T 70/B                   | 4                | 28.3                  | 153                |
| UC38S-2-15040 | 230                 | 15                    | 267                    | 20.9                | T 70/B                   | 4                | 28.3                  | 153                |
| UC38S-2-18040 | 230                 | 18                    | 222                    | 24.3                | T 70/B                   | 4                | 28.3                  | 153                |
| UC38S-2-24040 | 230                 | 24                    | 167                    | 32.8                | T 70/B                   | 4                | 28.3                  | 153                |
| UC38D-2-06040 | 230                 | 2×6                   | 2×333                  | 2×8.5               | T 70/B                   | 4                | 28.3                  | 153                |
| UC38D-2-09040 | 230                 | 2×9                   | 2×222                  | 2×12.5              | T 70/B                   | 4                | 28.3                  | 153                |
| UC38D-2-12040 | 230                 | 2×12                  | 2×167                  | 2×16.4              | T 70/B                   | 4                | 28.3                  | 153                |
| UC38D-2-15040 | 230                 | 2×15                  | 2×133                  | 2×21.2              | T 70/B                   | 4                | 28.3                  | 153                |
| UC38D-2-18040 | 230                 | 2×18                  | 2×111                  | 2×24.5              | T 70/B                   | 4                | 28.3                  | 153                |
| UC38D 2 24040 | 230                 | 2×24                  | 2×83                   | 2×32.7              | T 70/B                   | 4                | 28.3                  | 153                |



# ENCAPSULATED TRANSFORMER

# 密封变压器

## EI42 SERIES EI42 系列

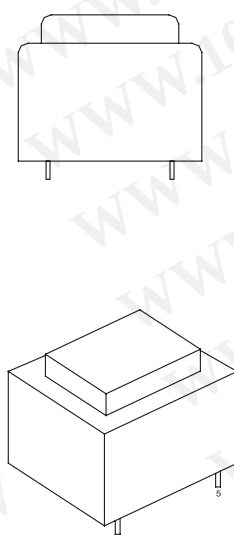
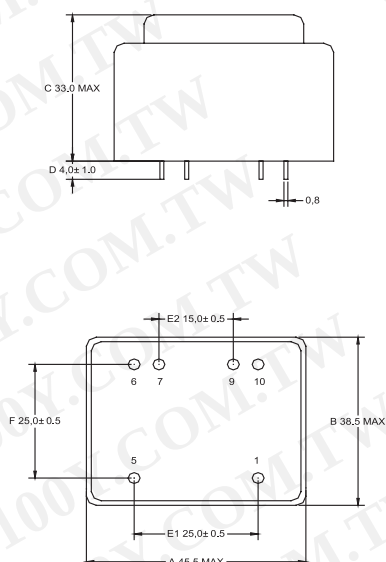
### FEATURES

- Temperature Class: Class B (130 °C)
- Ambient Temperature (ta): 70 °C
- Vacuum Potting
- Material Flammability Classification UL94V-0
- Dielectric Strength 4200Vrms
- Operation Frequency: 50/60Hz
- Inherently Short-circuit Proof
- Resins Class B IEC 85  
(20,000h Testing to IEC 216)
- Conforms to EN61558/EN60950/UL1585/UL506
- 100% Tested Production

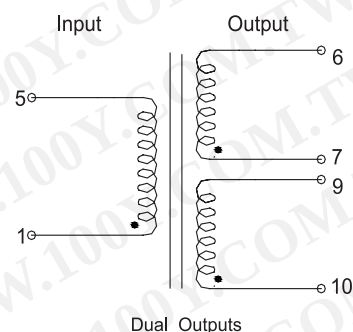
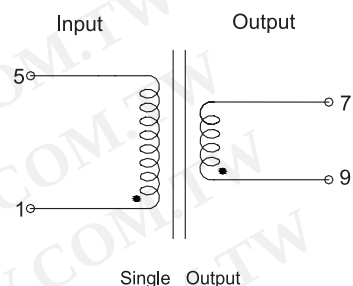
### 产品特点

- 温度等级: Class B (130°C)
- 环境温度 (ta): 70°C
- 真空灌封
- 所有材料阻燃等级UL94V-0
- 介电强度4200Vrms
- 工作频率: 50/60Hz
- 固有短路保护
- 封胶温度等级: B级  
(经过20000小时IEC216测试)
- 符合EN61558/EN60950/UL1585/UL506
- 产线全检

### OUTLINE DIMENSIONS



### ELECTRICAL SCHEMATIC



## EI42/14.8 SERIES 5.0VA

| Part Number   | Primary Voltage (V) | Secondary Voltage (V) | Secondary current (mA) | No-load Voltage (V) | Ambient Temperature (°C) | Rated Power (VA) | Dimension H max. (mm) | Weight approx. (g) |
|---------------|---------------------|-----------------------|------------------------|---------------------|--------------------------|------------------|-----------------------|--------------------|
| UC42S-1-06050 | 115                 | 6                     | 834                    | 8.4                 | T 70/B                   | 5                | 33                    | 200                |
| UC42S-1-09050 | 115                 | 9                     | 556                    | 12.6                | T 70/B                   | 5                | 33                    | 200                |
| UC42S-1-12050 | 115                 | 12                    | 417                    | 16.9                | T 70/B                   | 5                | 33                    | 200                |
| UC42S-1-15050 | 115                 | 15                    | 334                    | 21                  | T 70/B                   | 5                | 33                    | 200                |
| UC42S-1-18050 | 115                 | 18                    | 278                    | 25.3                | T 70/B                   | 5                | 33                    | 200                |
| UC42S-1-24050 | 115                 | 24                    | 208                    | 33.7                | T 70/B                   | 5                | 33                    | 200                |
| UC42D-1-06050 | 115                 | 2×6                   | 2×417                  | 2×8.4               | T 70/B                   | 5                | 33                    | 200                |
| UC42D-1-09050 | 115                 | 2×9                   | 2×278                  | 2×12.6              | T 70/B                   | 5                | 33                    | 200                |
| UC42D-1-12050 | 115                 | 2×12                  | 2×208                  | 2×16.9              | T 70/B                   | 5                | 33                    | 200                |
| UC42D-1-15050 | 115                 | 2×15                  | 2×167                  | 2×21                | T 70/B                   | 5                | 33                    | 200                |
| UC42D-1-18050 | 115                 | 2×18                  | 2×139                  | 2×25.3              | T 70/B                   | 5                | 33                    | 200                |
| UC42D-1-24050 | 115                 | 2×24                  | 2×104                  | 2×33.7              | T 70/B                   | 5                | 33                    | 200                |
| UC42S-2-06050 | 230                 | 6                     | 834                    | 8.4                 | T 70/B                   | 5                | 33                    | 200                |
| UC42S-2-09050 | 230                 | 9                     | 556                    | 12.6                | T 70/B                   | 5                | 33                    | 200                |
| UC42S-2-12050 | 230                 | 12                    | 417                    | 16.9                | T 70/B                   | 5                | 33                    | 200                |
| UC42S-2-15050 | 230                 | 15                    | 334                    | 21                  | T 70/B                   | 5                | 33                    | 200                |
| UC42S-2-18050 | 230                 | 18                    | 278                    | 25.3                | T 70/B                   | 5                | 33                    | 200                |
| UC42S-2-24050 | 230                 | 24                    | 208                    | 33.7                | T 70/B                   | 5                | 33                    | 200                |
| UC42D-2-06050 | 230                 | 2×6                   | 2×417                  | 2×8.4               | T 70/B                   | 5                | 33                    | 200                |
| UC42D-2-09050 | 230                 | 2×9                   | 2×278                  | 2×12.6              | T 70/B                   | 5                | 33                    | 200                |
| UC42D-2-12050 | 230                 | 2×12                  | 2×208                  | 2×16.9              | T 70/B                   | 5                | 33                    | 200                |
| UC42D-2-15050 | 230                 | 2×15                  | 2×167                  | 2×21                | T 70/B                   | 5                | 33                    | 200                |
| UC42D-2-18050 | 230                 | 2×18                  | 2×139                  | 2×25.3              | T 70/B                   | 5                | 33                    | 200                |
| UC42D-2-24050 | 230                 | 2×24                  | 2×104                  | 2×33.7              | T 70/B                   | 5                | 33                    | 200                |

## EI42/14.8 SERIES 6.0VA

| Part Number   | Primary Voltage (V) | Secondary Voltage (V) | Secondary current (mA) | No-load Voltage (V) | Ambient Temperature (°C) | Rated Power (VA) | Dimension H max. (mm) | Weight approx. (g) |
|---------------|---------------------|-----------------------|------------------------|---------------------|--------------------------|------------------|-----------------------|--------------------|
| UC42S-1-06060 | 115                 | 6                     | 1000                   | 8.7                 | T 70/B                   | 6                | 33                    | 200                |
| UC42S-1-09060 | 115                 | 9                     | 667                    | 13                  | T 70/B                   | 6                | 33                    | 200                |
| UC42S-1-12060 | 115                 | 12                    | 500                    | 16.7                | T 70/B                   | 6                | 33                    | 200                |
| UC42S-1-15060 | 115                 | 15                    | 400                    | 20.2                | T 70/B                   | 6                | 33                    | 200                |
| UC42S-1-18060 | 115                 | 18                    | 334                    | 24.6                | T 70/B                   | 6                | 33                    | 200                |
| UC42S-1-24060 | 115                 | 24                    | 250                    | 30.8                | T 70/B                   | 6                | 33                    | 200                |
| UC42D-1-06060 | 115                 | 2×6                   | 2×500                  | 2×8.7               | T 70/B                   | 6                | 33                    | 200                |
| UC42D-1-09060 | 115                 | 2×9                   | 2×333                  | 2×13                | T 70/B                   | 6                | 33                    | 200                |
| UC42D-1-12060 | 115                 | 2×12                  | 2×250                  | 2×16.7              | T 70/B                   | 6                | 33                    | 200                |
| UC42D-1-15060 | 115                 | 2×15                  | 2×200                  | 2×20.2              | T 70/B                   | 6                | 33                    | 200                |
| UC42D-1-18060 | 115                 | 2×18                  | 2×166                  | 2×24.6              | T 70/B                   | 6                | 33                    | 200                |
| UC42D-1-24060 | 115                 | 2×24                  | 2×125                  | 2×30.8              | T 70/B                   | 6                | 33                    | 200                |
| UC42S-2-06060 | 230                 | 6                     | 1000                   | 8.7                 | T 70/B                   | 6                | 33                    | 200                |
| UC42S-2-09060 | 230                 | 9                     | 667                    | 13                  | T 70/B                   | 6                | 33                    | 200                |
| UC42S-2-12060 | 230                 | 12                    | 500                    | 16.7                | T 70/B                   | 6                | 33                    | 200                |
| UC42S-2-15060 | 230                 | 15                    | 400                    | 20.2                | T 70/B                   | 6                | 33                    | 200                |
| UC42S-2-18060 | 230                 | 18                    | 334                    | 24.6                | T 70/B                   | 6                | 33                    | 200                |
| UC42S-2-24060 | 230                 | 24                    | 250                    | 30.8                | T 70/B                   | 6                | 33                    | 200                |
| UC42D-2-06060 | 230                 | 2×6                   | 2×500                  | 2×8.7               | T 70/B                   | 6                | 33                    | 200                |
| UC42D-2-09060 | 230                 | 2×9                   | 2×333                  | 2×13                | T 70/B                   | 6                | 33                    | 200                |
| UC42D-2-12060 | 230                 | 2×12                  | 2×250                  | 2×16.7              | T 70/B                   | 6                | 33                    | 200                |
| UC42D-2-15060 | 230                 | 2×15                  | 2×200                  | 2×20.2              | T 70/B                   | 6                | 33                    | 200                |
| UC42D-2-18060 | 230                 | 2×18                  | 2×166                  | 2×24.6              | T 70/B                   | 6                | 33                    | 200                |
| UC42D-2-24060 | 230                 | 2×24                  | 2×125                  | 2×30.8              | T 70/B                   | 6                | 33                    | 200                |

# ENCAPSULATED TRANSFORMER

# 密封变压器

## EI48 SERIES EI48 系列

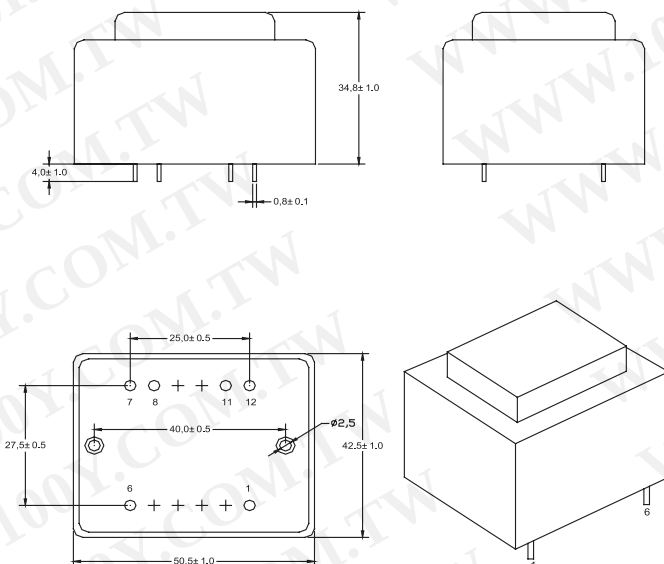
### FEATURES

- Temperature Class: Class B (130 °C)
- Ambient Temperature (ta): 50 °C
- Vacuum Potting
- Material Flammability Classification UL94V-0
- Dielectric Strength 4200Vrms
- Operation Frequency: 50/60Hz
- Inherently Short-circuit Proof
- Resins Class B IEC 85 (20,000h Testing to IEC 216)
- Conforms to EN61558/EN60950/UL1585/UL506
- 100% Tested Production

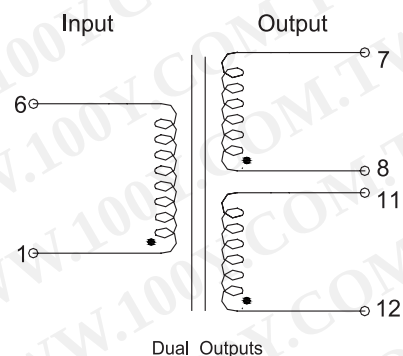
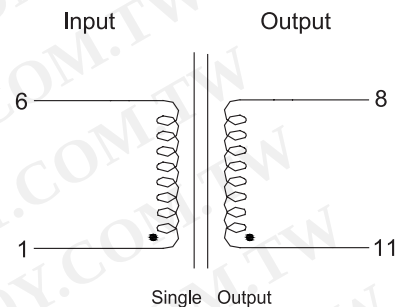
### 产品特点

- 温度等级: Class B (130°C)
- 环境温度 (ta): 50°C
- 真空灌封
- 所有材料阻燃等级UL94V-0
- 介电强度4200Vrms
- 工作频率: 50/60Hz
- 固有短路保护
- 封胶温度等级: B级 (经过20000小时IEC216测试)
- 符合EN61558/EN60950/UL1585/UL506
- 产线全检

### OUTLINE DIMENSIONS



### ELECTRICAL SCHEMATIC





## EI48/16.8 SERIES 10.0VA

| Part Number   | Primary Voltage (V) | Secondary Voltage (V) | Secondary current (mA) | No-load Voltage (V) | Ambient Temperature (°C) | Rated Power (VA) | Dimension H max. (mm) | Weight approx. (g) |
|---------------|---------------------|-----------------------|------------------------|---------------------|--------------------------|------------------|-----------------------|--------------------|
| UC48S-1-06100 | 115                 | 6                     | 1667                   | 7.6                 | T 50/B                   | 10               | 35.5                  | 285                |
| UC48S-1-09100 | 115                 | 9                     | 1111                   | 11.4                | T 50/B                   | 10               | 35.5                  | 285                |
| UC48S-1-12100 | 115                 | 12                    | 833                    | 15.2                | T 50/B                   | 10               | 35.5                  | 285                |
| UC48S-1-15100 | 115                 | 15                    | 667                    | 18.9                | T 50/B                   | 10               | 35.5                  | 285                |
| UC48S-1-18100 | 115                 | 18                    | 556                    | 22.3                | T 50/B                   | 10               | 35.5                  | 285                |
| UC48S-1-24100 | 115                 | 24                    | 417                    | 29.4                | T 50/B                   | 10               | 35.5                  | 285                |
| UC48D-1-06100 | 115                 | 2×6                   | 2×833                  | 2×7.6               | T 50/B                   | 10               | 35.5                  | 285                |
| UC48D-1-09100 | 115                 | 2×9                   | 2×556                  | 2×11.4              | T 50/B                   | 10               | 35.5                  | 285                |
| UC48D-1-12100 | 115                 | 2×12                  | 2×417                  | 2×15.2              | T 50/B                   | 10               | 35.5                  | 285                |
| UC48D-1-15100 | 115                 | 2×15                  | 2×333                  | 2×18.9              | T 50/B                   | 10               | 35.5                  | 285                |
| UC48D-1-18100 | 115                 | 2×18                  | 2×278                  | 2×22.3              | T 50/B                   | 10               | 35.5                  | 285                |
| UC48D-1-24100 | 115                 | 2×24                  | 2×208                  | 2×29.4              | T 50/B                   | 10               | 35.5                  | 285                |
| UC48S-2-06100 | 230                 | 6                     | 1667                   | 7.6                 | T 50/B                   | 10               | 35.5                  | 285                |
| UC48S-2-09100 | 230                 | 9                     | 1111                   | 11.4                | T 50/B                   | 10               | 35.5                  | 285                |
| UC48S-2-12100 | 230                 | 12                    | 833                    | 15.2                | T 50/B                   | 10               | 35.5                  | 285                |
| UC48S-2-15100 | 230                 | 15                    | 667                    | 18.9                | T 50/B                   | 10               | 35.5                  | 285                |
| UC48S-2-18100 | 230                 | 18                    | 556                    | 22.3                | T 50/B                   | 10               | 35.5                  | 285                |
| UC48S-2-24100 | 230                 | 24                    | 417                    | 29.4                | T 50/B                   | 10               | 35.5                  | 285                |
| UC48D-2-06100 | 230                 | 2×6                   | 2×833                  | 2×7.6               | T 50/B                   | 10               | 35.5                  | 285                |
| UC48D-2-09100 | 230                 | 2×9                   | 2×556                  | 2×11.4              | T 50/B                   | 10               | 35.5                  | 285                |
| UC48D-2-12100 | 230                 | 2×12                  | 2×417                  | 2×15.2              | T 50/B                   | 10               | 35.5                  | 285                |
| UC48D-2-15100 | 230                 | 2×15                  | 2×333                  | 2×18.9              | T 50/B                   | 10               | 35.5                  | 285                |
| UC48D-2-18100 | 230                 | 2×18                  | 2×278                  | 2×22.3              | T 50/B                   | 10               | 35.5                  | 285                |
| UC48D-2-24100 | 230                 | 2×24                  | 2×208                  | 2×29.4              | T 50/B                   | 10               | 35.5                  | 285                |

# TOROIDAL TRANSFORMER

# 环型变压器

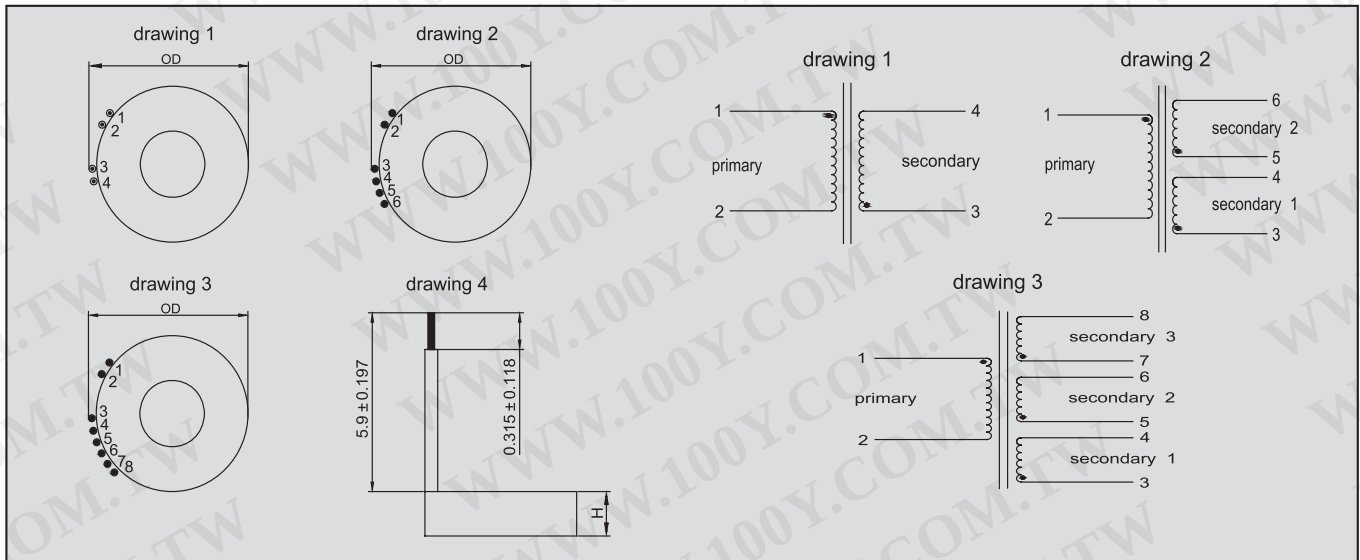
## FEATURES

- Low Magnetic Noise
- High Efficiency
- Excellent Load Regulation
- Easy Assembly
- Very Low No-load Losses and Magnetizing Current
- Half Size and weight Comparing to EI Transformer
- Various Input Options  
100v/110v/117v/120v/220v/230v/240v/, 50/60HZ
- Dielectric Strength 3KV/1min
- 100% Electric Parameters Test
- Power Range From 20VA to 5000VA Available  
According to Customer's Requirement
- Class B Insulation System
- Optional Single or Dual Primary

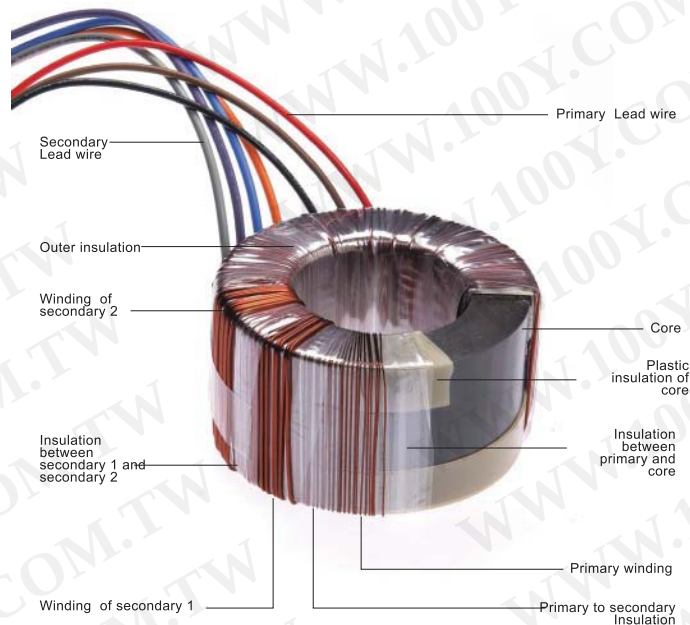
## 特性

- 无漏磁，低噪音
- 高效率
- 良好的负载调节性能
- 易于配装
- 低损耗第励磁电流
- 体积小重量轻
- 多种输入电压选择  
100v/110v/117v/120v/220v/230v/240v/, 50/60HZ
- 初次与次级绝缘强度超过3KV/1分钟
- 产品电气性能100%全检
- 功率应用范围在20VA至5000VA间或根据客户要求订制
- B级绝缘系统
- 初级单输入与双输入可选择

## OUTLINE DIMENSIONS



## CONSTRUCTION



## ELECTRICAL SPECIFICATIONS

| Part No.  | Power | AC Output                     |                                           | Dimension |     |     |     | Weight |       |
|-----------|-------|-------------------------------|-------------------------------------------|-----------|-----|-----|-----|--------|-------|
|           |       | Voltage range                 | Current range                             | OD        |     | H   |     |        |       |
|           | VA    | V                             | A                                         | In        | mm  | In  | mm  | lbs    | Kg    |
| UC-TT0020 | 20    | 12-24                         | 0.84-1.67                                 | 2.5       | 63  | 1.3 | 33  | 0.73   | 0.33  |
| UC-TT0025 | 25    | 12-24                         | 1.04-2.08                                 | 2.6       | 65  | 1.4 | 35  | 0.84   | 0.38  |
| UC-TT0030 | 30    | 12-24                         | 1.25-2.50                                 | 2.8       | 70  | 1.6 | 40  | 0.99   | 0.45  |
| UC-TT0035 | 35    | 12-24                         | 1.46-2.92                                 | 2.8       | 72  | 1.6 | 40  | 1.08   | 0.49  |
| UC-TT0040 | 40    | 12-24                         | 0.84-1.67                                 | 3.0       | 75  | 1.6 | 40  | 1.17   | 0.53  |
| UC-TT0045 | 45    | 12-24                         | 1.67-3.75                                 | 3.0       | 75  | 1.6 | 40  | 1.26   | 0.57  |
| UC-TT0050 | 50    | 12-36                         | 1.67-3.75                                 | 3.1       | 80  | 1.6 | 40  | 1.50   | 0.68  |
| UC-TT0060 | 60    | 12-36                         | 1.67-5.00                                 | 3.3       | 83  | 1.7 | 43  | 1.61   | 0.73  |
| UC-TT0070 | 70    | 12-36                         | 1.95-5.84                                 | 3.3       | 85  | 1.7 | 43  | 1.83   | 0.83  |
| UC-TT0080 | 80    | 12-36                         | 2.22-6.67                                 | 3.5       | 90  | 1.7 | 43  | 2.16   | 0.98  |
| UC-TT0090 | 90    | 12-36                         | 2.50-7.50                                 | 3.7       | 95  | 1.7 | 43  | 2.31   | 1.05  |
| UC-TT0100 | 100   | 12-36                         | 2.78-8.34                                 | 3.9       | 100 | 1.7 | 43  | 2.65   | 1.20  |
| UC-TT0150 | 150   | 12-24×2                       | 3.13-6.25                                 | 4.1       | 105 | 1.9 | 48  | 3.31   | 1.50  |
| UC-TT0200 | 200   | 12-24×2                       | 4.17-8.33                                 | 4.3       | 110 | 2.0 | 50  | 3.97   | 1.80  |
| UC-TT0250 | 250   | 12-24×2                       | 5.21-10.42                                | 4.7       | 120 | 2.1 | 53  | 4.85   | 2.20  |
| UC-TT0300 | 300   | 12-24×2                       | 6.25-12.50                                | 4.7       | 120 | 2.2 | 55  | 5.29   | 2.40  |
| UC-TT0350 | 350   | 12-24×2                       | 7.29-14.58                                | 4.8       | 123 | 2.3 | 58  | 5.84   | 2.65  |
| UC-TT0400 | 400   | 12-24×2                       | 8.33-16.67                                | 4.9       | 125 | 2.4 | 60  | 6.39   | 2.90  |
| UC-TT0450 | 450   | 24-48×2                       | 4.69-9.38                                 | 5.0       | 128 | 2.5 | 63  | 6.61   | 3.00  |
| UC-TT0500 | 500   | 24-48×2                       | 5.21-10.42                                | 5.1       | 130 | 2.6 | 65  | 7.05   | 3.20  |
| UC-TT0600 | 600   | 24-48×2                       | 6.25-12.50                                | 5.2       | 132 | 2.6 | 65  | 8.42   | 3.82  |
| UC-TT0700 | 700   | 24-48×2                       | 7.29-14.58                                | 5.7       | 145 | 2.6 | 65  | 9.48   | 4.30  |
| UC-TT0800 | 800   | 24-48×2                       | 8.33-16.67                                | 5.7       | 145 | 2.8 | 70  | 10.05  | 4.56  |
| UC-TT0900 | 900   | 24-48×2                       | 9.38-18.75                                | 5.9       | 150 | 2.9 | 73  | 10.87  | 4.93  |
| UC-TT1000 | 1000  | 18-36×2<br>30-60×2            | 6.95-13.89<br>4.17-8.33                   | 6.3       | 160 | 3.0 | 75  | 12.13  | 5.50  |
| UC-TT1500 | 1500  | 18-36×2<br>30-60×2            | 10.42-20.83<br>6.25-12.50                 | 6.7       | 170 | 3.1 | 80  | 15.54  | 7.05  |
| UC-TT2000 | 2000  | 18-36×2<br>30-60×2            | 13.89-27.78<br>8.33-16.67                 | 7.1       | 180 | 3.3 | 85  | 19.18  | 8.70  |
| UC-TT3000 | 3000  | 12-24×2<br>24-48×2<br>40-80×2 | 10.42-20.83<br>10.42-20.83<br>9.38-18.75  | 7.7       | 195 | 3.5 | 90  | 25.57  | 11.60 |
| UC-TT4000 | 4000  | 12-24×2<br>24-48×2<br>40-80×2 | 10.42-20.83<br>15.63-31.25<br>12.50-25.00 | 8.1       | 205 | 3.7 | 95  | 31.53  | 14.30 |
| UC-TT5000 | 5000  | 12-24×2<br>24-48×2<br>40-80×2 | 10.42-20.83<br>15.63-31.25<br>18.75-37.50 | 8.5       | 215 | 3.9 | 100 | 37.04  | 16.80 |



# POWER TRANSFORMER

# 电源变压器

## FEATURES

- Conform to UL Safety Standards
- Dielectric Strength: 2500Vrms
- Temperature Class: B (130°C)
- Various Inputs Options: 100V/110V/115V/120V/220V/230V/240V/480V 50/60Hz
- Single and Dual or More Secondary
- Power Range: 1.1VA to 600VA
- Lamination Size Range: EI28 to EI133
- Assemble Style: PCB and Foot Mounting or Others According to Customer's Requirement

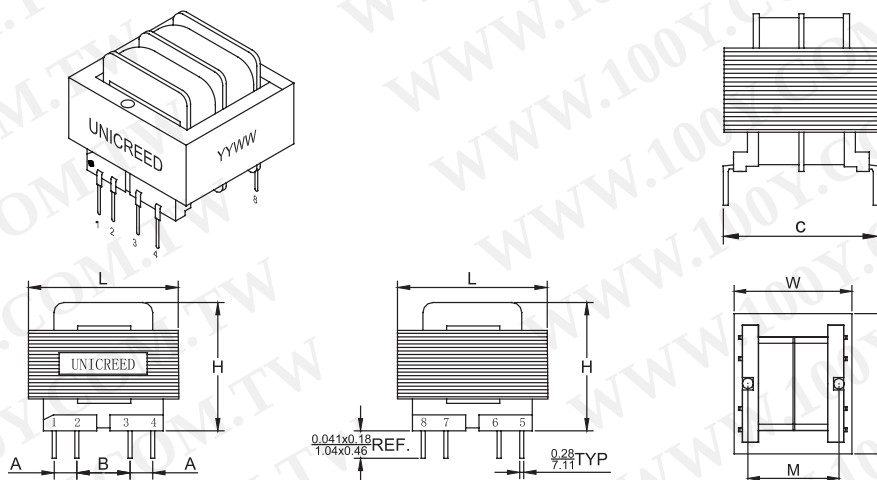
## 特性

- 符合UL安规要求
- 介电强度：2500Vrms
- 温度等级：B级(130°C)
- 多种的输入选择：100V/110V/115V/120V/220V/230V/240V/480V 50/60Hz
- 单组、双组或多组输出
- 功率范围：1.1VA至600VA
- 钢片尺寸范围：从EI28至EI133
- 安装方式：插针式、底板（铁桥）式或根据客户要求订制

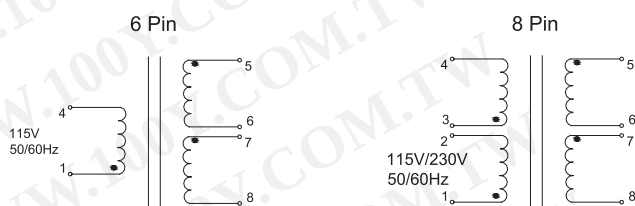
## PCB TRANSFORMERS

| VA  | L       | W       | H       | M  | A    | B     | C     | Output Voltage (V) | Weight (g) |
|-----|---------|---------|---------|----|------|-------|-------|--------------------|------------|
| 1.1 | 35.5MAX | 30.0MAX | 24.0MAX | -- | 6.35 | 6.35  | 30.99 | 5-36               | 77         |
| 2.4 | 35.5MAX | 30.0MAX | 30.5MAX | -- | 6.35 | 6.35  | 30.99 | 5-36               | 113        |
| 6   | 41.8MAX | 34.0MAX | 36.5MAX | 27 | 6.35 | 8.89  | 32.51 | 5-36               | 200        |
| 12  | 48.5MAX | 40.5MAX | 36.5MAX | 32 | 7.62 | 10.16 | 35.56 | 5-36               | 316        |
| 20  | 57.5MAX | 48.0MAX | 36.5MAX | 38 | 7.62 | 10.16 | 40.39 | 5-36               | 362        |

## OUTLINE DIMENSIONS



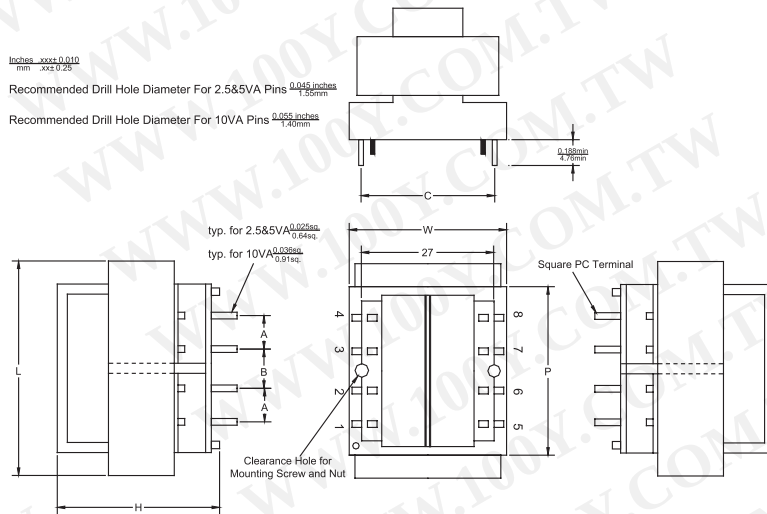
## ELECTRICAL SCHEMATIC



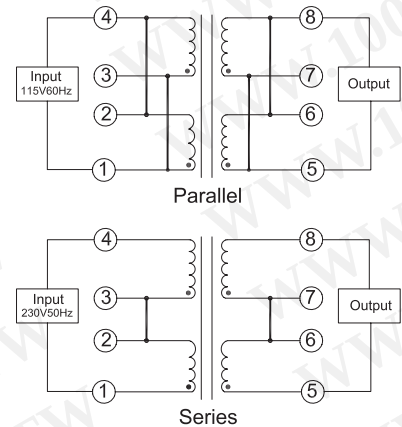
## PCB TRANSFORMERS

| VA  | L       | W       | H       | M     | A    | B     | C    | Output Voltage (V) | Weight (g) |
|-----|---------|---------|---------|-------|------|-------|------|--------------------|------------|
| 2.5 | 41.5MAX | 37.0MAX | 30.0MAX | 26.92 | 5.08 | 6.35  | 25.4 | 5-36               | 113        |
| 5   | 41.5MAX | 37.0MAX | 36.0MAX | 26.92 | 5.08 | 10.16 | 25.4 | 5-36               | 168        |
| 10  | 48.5MAX | 41.0MAX | 37.0MAX | 31.75 | 5.08 | 10.16 | 29   | 5-36               | 240        |

## OUTLINE DIMENSIONS



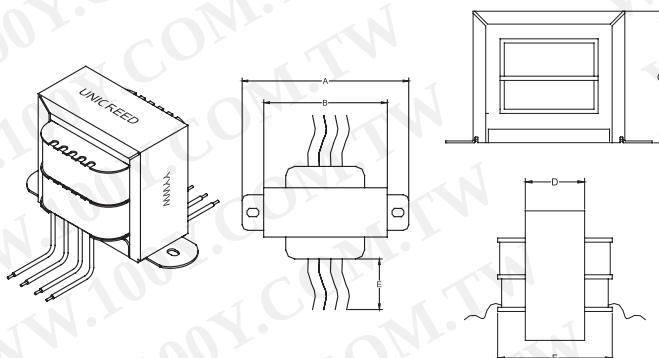
## ELECTRICAL SCHEMATIC



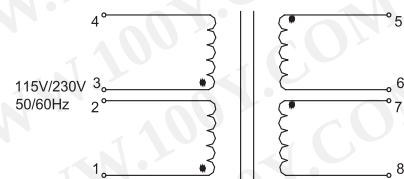
## FOOT MOUNTING TRANSFORMERS

| VA | A       | B    | C       | D    | E   | F    | Output Voltage (V) |
|----|---------|------|---------|------|-----|------|--------------------|
| 3  | 56.0MAX | 36.8 | 34.0MAX | 17.5 | 150 | 31.5 | 6-48               |
| 6  | 66.0MAX | 42.8 | 36.5MAX | 18.5 | 150 | 35   | 6-48               |
| 12 | 73.0MAX | 50   | 44.0MAX | 25.5 | 150 | 41   | 6-48               |
| 24 | 82.0MAX | 59.5 | 53.0MAX | 27.5 | 150 | 45   | 6-48               |
| 40 | 94.0MAX | 69   | 61.0MAX | 27.5 | 150 | 50   | 6-48               |

## OUTLINE DIMENSIONS



## ELECTRICAL SCHEMATIC



## SWITCHING TRANSFORMER

## 开关变压器

### FEATURES

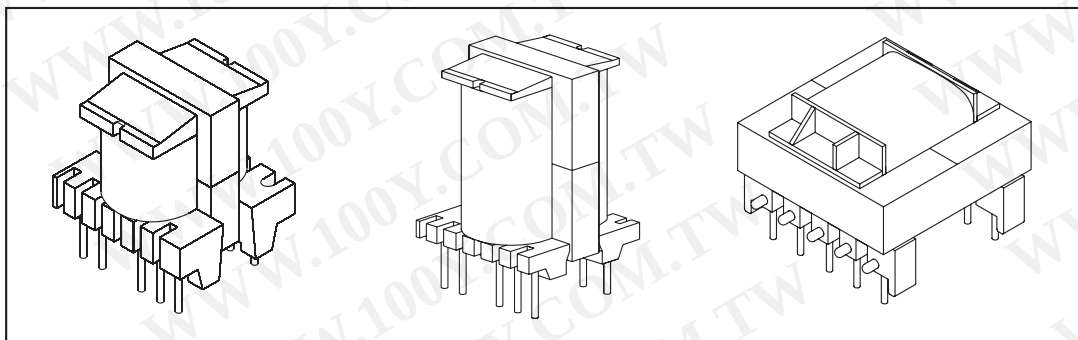
- Primary/Secondary Insulation $\geq 4000V$
- Primary/Auxiliary Insulation $\geq 1500V$
- Creepage Distance Primary/Secondary $\geq 6mm$
- Construction Conforms to IEC950, IEC335, IEC61558
- Uses UL94-V0 Listed Materials

### 特性

- 初级/次级绝缘大于或等于4000V
- 初级/反馈绕组绝缘大于或等于1500V
- 初级/次级爬电距离大于或等于6mm
- 结构符合IEC650, IEC335, IEC61558
- 使用UL94-V0绝缘材料

### OUTLINE DIMENSIONS

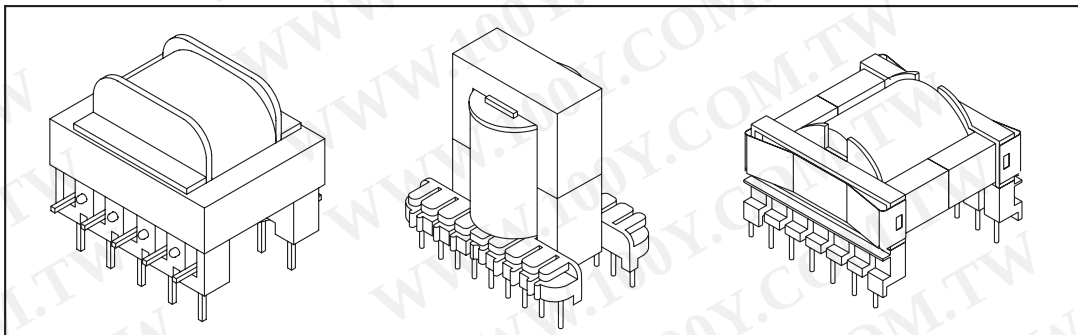
### ELECTRICAL SCHEMATIC



E16

E19

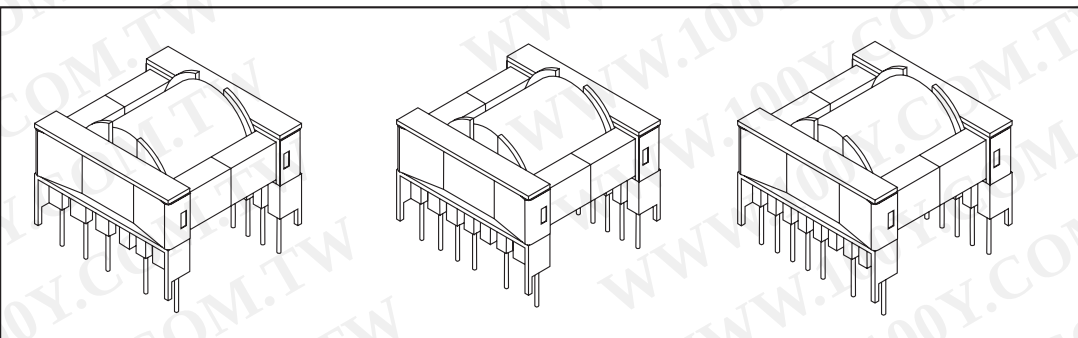
EF20



E25

ERL28

ETD29



ETD34

ETD39

ETD44



| Size | Output Power Range | Size  | Output Power Range |
|------|--------------------|-------|--------------------|
| E16  | 1.5W--12W          | ERL28 | 60W                |
| E19  | 16W--18W           | ETD29 | 60W                |
| EF20 | 20W--24W           | ETD34 | 90W                |
| E25  | 30W--35W           | ETD39 | 140W               |
|      |                    | ETD44 | 180W               |

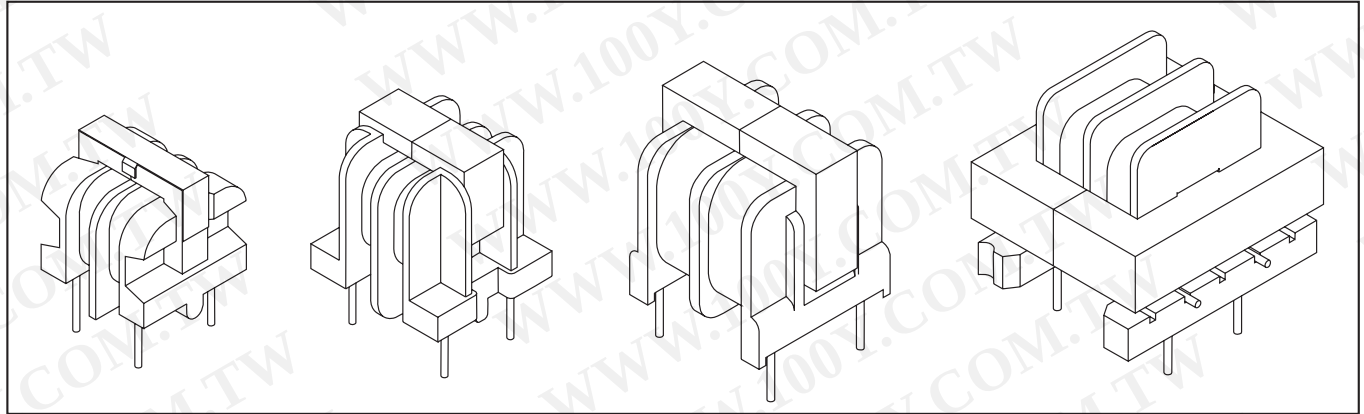
## COMMON MODE CHOKE 共模电感

### FEATURES

- Ambient Temperature<50°C
- Dielectric Strength>1500V Between Windings
- Electrical Characteristics 25°C

### 特性

- 环境温度小于或等于50度
- 绕组间耐压大于或等于1500V
- 电性能测试环境温度为25度



U9.8

U10.5

U16

E25

| Part No.             | Size  | Inductance Range | Current Range |
|----------------------|-------|------------------|---------------|
| UC-U10001--UC-U10006 | U9.8  | 1.5 to 47 mH     | 0.18 to 1.1A  |
| UC-U11001--UC-U11007 | U10.5 | 1.5 to 68 mH     | 0.30 to 1.9A  |
| UC-U16001--UC-U16006 | U16   | 1.5 to 33 mH     | 0.75 to 3.3A  |
| UC-E25003--UC-E25008 | E25   | 1.5 to 33 mH     | 0.90 to 4.0A  |

# CURRENT SENSE TRANSFORMER

## 电流互感器

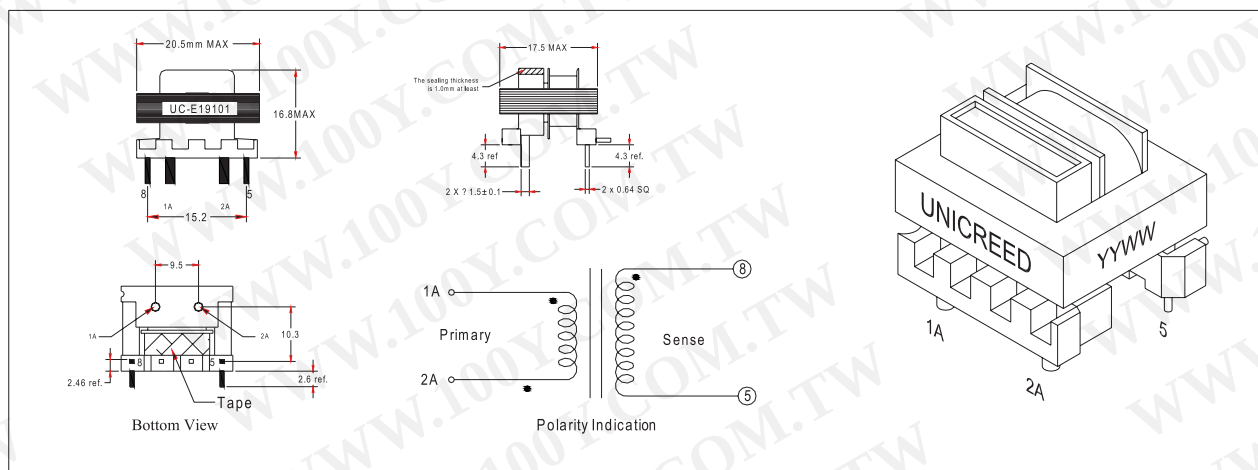
### FEATURES

- Conform to Class B Insulation System
- Dielectric Strength 3000vrms
- Split Bobbin Design
- Small Physical Package For Tight Configurations
- Cost Effective

### 特性

- 符合CLASS B绝缘等级
- 耐电压3000Vrms
- 专业的分立式骨架设计
- 小巧的外形可满足紧凑的应用空间
- 及具成本优势

### MECHANICAL DIMENSION



### ELECTRICAL CHARACTERISTICS

| Part No.  | Turns Ratio | Current Range | Typical Output (mv/a) | Primary Resistance (u Ohms)max | Sense Resistance (ohms)±10% | Sense Inductance (H)±30% | Primary Sense Frequency (Hz) |
|-----------|-------------|---------------|-----------------------|--------------------------------|-----------------------------|--------------------------|------------------------------|
| UC-E19100 | 1/50        | 1-30A         | 32                    | 800                            | 0.198                       | 0.008                    | 50-200                       |
| UC-E19101 | 1/100       | 1-30A         | 64                    | 800                            | 0.785                       | 0.025                    | 50-200                       |
| UC-E19102 | 1/150       | 1-30A         | 90                    | 800                            | 1.7                         | 0.06                     | 50-200                       |
| UC-E19103 | 1/200       | 1-30A         | 120                   | 800                            | 3.2                         | 0.12                     | 50-200                       |
| UC-E19104 | 1/300       | 1-30A         | 140                   | 800                            | 7.4                         | 0.27                     | 50-200                       |
| UC-E19105 | 1/500       | 1-30A         | 110                   | 800                            | 20                          | 0.73                     | 50-200                       |
| UC-E19106 | 1/1000      | 1-30A         | 60                    | 800                            | 79                          | 2.4                      | 50-200                       |
| UC-E19107 | 1/1500      | 1-30A         | 45                    | 800                            | 220                         | 5.2                      | 50-200                       |

### NOTE:

- Terminal Leads (1A,2A) Strip Enamel Coating
- Typical Output Test Condition: Input 10A/50Hz, 60Ohm Load
- Sense Inductance Test Condition:100Hz/1V
- Creepage Distance Between Primary And Sense Is More Than 5mm
- Special Notes:the Creepage Distance Can Be Changed To 8mm For Sepecial Requirement

### 注:

- 引脚 (1A, 2A)使用裸铜线
- 典型输出测试条件, 10A@50HZ 输入60 Ohm负载
- 感应侧的电感量测试条件: 100Hz/1V
- 所有未标注尺寸公差均为±0.3mm
- 爬电距离不小于5mm
- 特别说明: 爬电距离可依客户要求增至8mm

## APPLICATION 产品应用



勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-34970699  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)