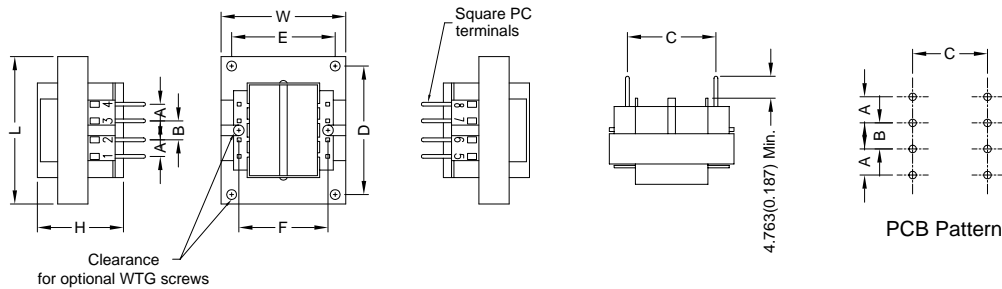


# POWER TRANSFORMER

## 14A-2.5-36 (F) SERIES

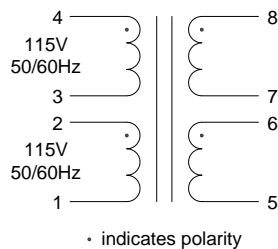
### 1. CONFIGURATION & DIMENSIONS :



UNIT : mm (inch)

| VA    | gram  | L       | W       | H       | A       | B       | C       | D | E | F       | Dim Pin   |
|-------|-------|---------|---------|---------|---------|---------|---------|---|---|---------|-----------|
| 2.500 | 113.4 | 41.28   | 33.33   | 28.58   | 5.08    | 6.35    | 25.4    | - | - | 26.98   | 0.64 SQ   |
| -     | -     | (1.625) | (1.312) | (1.125) | (0.200) | (0.250) | (1.000) | - | - | (1.062) | (0.025)SQ |

### 2. SCHEMATIC :



### 3. ELECTRICAL CHARACTERISTICS ( @ 25°C ) :

- |                                      |                              |
|--------------------------------------|------------------------------|
| a. Primary Voltage                   | AC 115/230 V 50/60 Hz .      |
| b. No Load Primary Current           |                              |
| Input AC 115V 60Hz .                 | Less Than 25mA .             |
| Input AC 230V 50Hz .                 | Less Than 30mA .             |
| c. Secondary Voltage (±5%)           | Series AC 29.40V .           |
|                                      | Parallel AC 24.70V .         |
| d. Secondary Load Current            | Series 70mA .                |
|                                      | Parallel 140mA .             |
| e. Full Load Primary Current         |                              |
| Input AC 115V 60Hz .                 | Less Than 45mA .             |
| Input AC 230V 50Hz .                 | Less Than 50mA .             |
| f. Full Load Secondary Voltage (±5%) | Series 36.00V . C.T.         |
|                                      | Parallel 18.00V .            |
| g. DC Resistance                     |                              |
| Pin 1-2                              | Primary = 800 Ohm .          |
| Pin 3-4                              | = 1030 Ohm .                 |
| Pin 5-6                              | Secondary = - Ohm .          |
| Pin 7-8                              | = - Ohm .                    |
| h. Insulation Resistance             | DC 500V 100Meg Ohm Of More . |
| i. Withstand Voltage (Hi-Pot)        | AC 3750V 50Hz 1 Minutes .    |
| j. Temperature Rise                  | Less Than 75 Deg C .         |
| k. Core Size                         | EI-41 x 10.40 m/m .          |



**RoHS Compliant**

NOTE : Specifications subject to change without notice. Please check our website for latest information.

25.02.2008



**SUPERWORLD ELECTRONICS (S) PTE LTD**

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