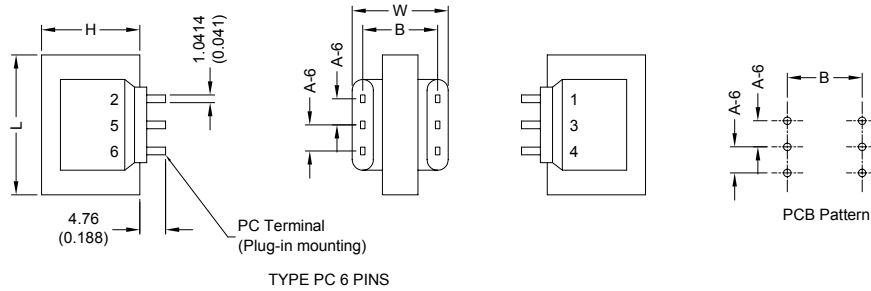


# POWER TRANSFORMER

## PC48-18 (F) SERIES

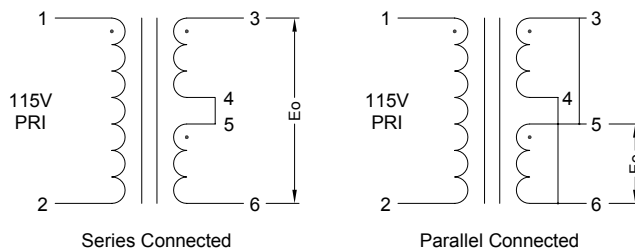
### 1. CONFIGURATION & DIMENSIONS :



UNIT : mm (inch)

| SIZE<br>(VA) | L                | W                | H                | A-6<br>6 PIN    | B                | WT.<br>(gram) | OPTIONAL BRACKET * |     |     |
|--------------|------------------|------------------|------------------|-----------------|------------------|---------------|--------------------|-----|-----|
|              |                  |                  |                  |                 |                  |               | NO.                | MW  | MD  |
| 1.0          | 25.40<br>(1.000) | 35.30<br>(1.390) | 21.08<br>(0.830) | 6.35<br>(0.250) | 30.48<br>(1.200) | 98.93         | ---                | --- | --- |

### 2. SCHEMATIC :



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

|                                      |                              |
|--------------------------------------|------------------------------|
| a. Primary Voltage                   | AC 115 V 60 Hz .             |
| b. No Load Primary Current           | Less Than 10mA .             |
| c. Secondary Voltage (±5%)           | Series AC - V .              |
|                                      | Parallel AC - V .            |
| d. Secondary Load Current            | Series 18mA .                |
|                                      | Parallel 36mA .              |
| e. Full Load Primary Current         | Less Than - mA .             |
| f. Full Load Secondary Voltage (±5%) | Series 48.00V .              |
|                                      | Parallel 24.00V .            |
| g. DC Resistance                     |                              |
| Pin 1-2                              | Primary = 820 Ohm .          |
| Pin 3-4                              | Secondary = - Ohm .          |
| Pin 5-6                              | = - Ohm .                    |
| h. Insulation Resistance             | DC 500V 100Meg Ohm Of More . |
| i. Withstand Voltage (Hi-Pot)        | AC 1500V 60Hz 1 Minutes .    |
| j. Temperature Rise                  | Less Than 60 Deg C .         |
| k. Core Size                         | EI-25.4 x 18.50 m/m .        |
| l. Turns & Wire Gauge                |                              |
| Primary Pin 1-2                      | Turns Diameter > m/m         |
| Secondary-1 Pin 3-4                  | Turns Diameter > m/m         |
| Secondary-2 Pin 5-6                  | Turns Diameter > 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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