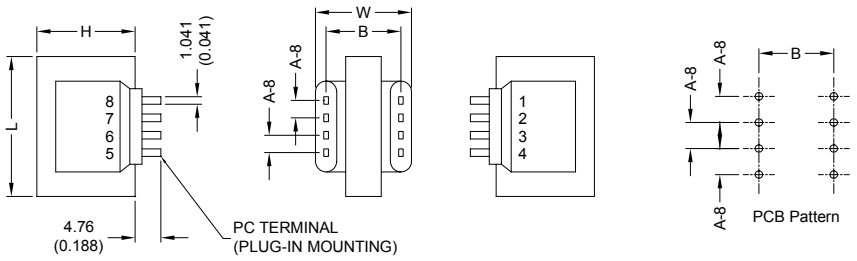
# POWER TRANSFORMER

## *DPC48-215 (F) SERIES*

### 1. CONFIGURATION & DIMENSIONS :

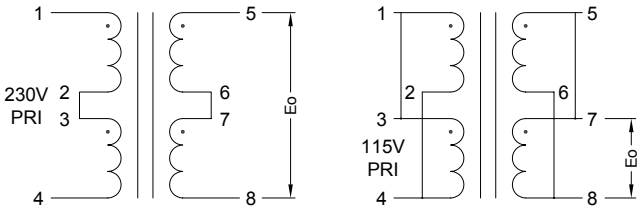



TYPE DPC 8 PINS

UNIT : mm (inch)

| SIZE | | | | A-8 | | WT. | OPTIONAL BRACKET * | | |
|---|---|---|---|---|---|---|---|---|---|
| (VA) | L | W | H | 8 PIN | B | (gram) | NO. | MW | MD |
| 10 | 48.50<br>(1.910) | 36.51<br>(1.438) | 41.28<br>(1.625) | 10.16<br>(0.400) | 33.02<br>(1.300) | 356.15 | 10-BR | 41.67<br>(1.641) | 28.58<br>(1.125) |

### 2. SCHEMATIC :




Series Connected  Parallel Connected

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

| | |
|---|---|
| a. Primary Voltage | AC 115/230 V 50/60 Hz . |
| b. No Load Primary Current | Less Than 35mA . |
| c. Secondary Voltage (±5%) | Series AC - V .<br>Parallel AC - V . |
| d. Secondary Load Current | Series 215mA .<br>Parallel 430mA . |
| e. Full Load Primary Current | Less Than - mA . |
| f. Full Load Secondary Voltage (±5%) | Series 48.00V .<br>Parallel 24.00V . |
| g. DC Resistance | |
| Pin 1-2 | Primary-1 = 151 Ohm . |
| Pin 3-4 | Primary-2 = 175 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 1500V 60Hz 1 Minutes . |
| j. Temperature Rise | Less Than 60 Deg C . |
| k. Core Size | EI-48 x 16.50 m/m . |
| l. Turns & Wire Gauge | |
| Primary-1 Pin 1-2 | - Turns Diameter - m/m |
| Primary-2 Pin 3-4 | - Turns Diameter - m/m |
| Secondary-1 Pin 5-6 | - Turns Diameter - m/m |
| Secondary-2 Pin 7-8 | - Turns Diameter - m/m |

RoHS Compliant

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

*17.03.2008*

SUPERWORLD ELECTRONICS (S) PTE LTD