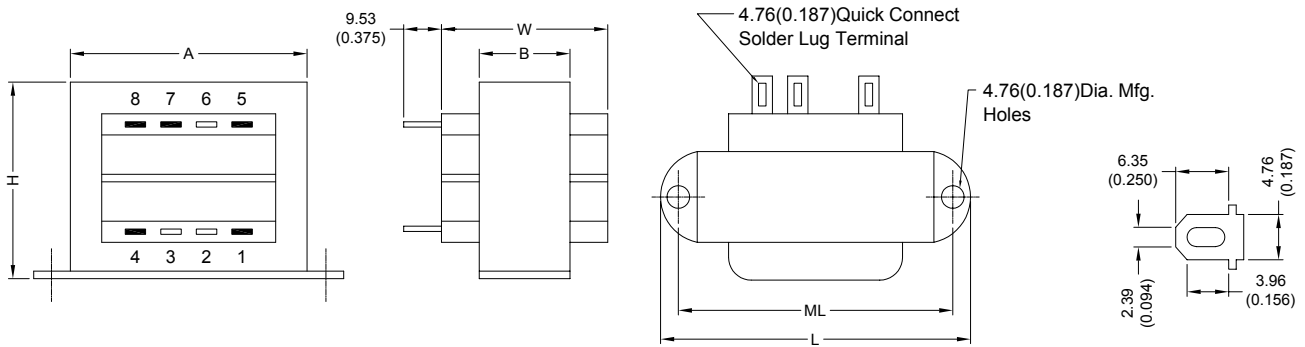


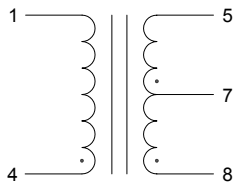
### 1. CONFIGURATION & DIMENSIONS :



UNIT : mm (inch)

| SIZE | VA | L                | W                | H                | A                | B                | ML               | gram   |
|------|----|------------------|------------------|------------------|------------------|------------------|------------------|--------|
| 5    | 12 | 71.45<br>(2.813) | 38.10<br>(1.500) | 41.28<br>(1.625) | 49.23<br>(1.938) | 24.61<br>(0.969) | 60.33<br>(2.375) | 317.51 |

### 2. SCHEMATIC :



" . " indicates polarity

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

|                                      |                               |
|--------------------------------------|-------------------------------|
| a. Primary Voltage                   | AC 115 V 60 Hz .              |
| b. No Load Primary Current           | Less Than 20mA .              |
| c. Secondary Voltage (±5%)           |                               |
| Pin 5-8 C.T. Pin 7                   | AC 144 V .                    |
| d. Secondary Load Current            | 0.10A .                       |
| e. Full Load Primary Current         | Less Than 180mA .             |
| f. Full Load Secondary Voltage (±5%) | 120V .                        |
| Pin 5-8 C.T. Pin 7                   |                               |
| g. DC Resistance                     |                               |
| Pin 1-2                              | Primary = 71.10 Ohm .         |
| Pin 5-7                              | Secondary-1 = 54.40 Ohm .     |
| Pin 7-8                              | Secondary-2 = 54.40 Ohm .     |
| h. Insulation Resistance             | DC 500V 100Meg Ohm Of More .  |
| i. Withstand Voltage (Hi-Pot)        | AC 2500V 60Hz 1 Minutes .     |
| j. Temperature Rise                  | Less Than 60 Deg C .          |
| k. Core Size                         | EI-48 x 20.80 m/m .           |
| l. Turns & Wire Gauge                |                               |
| Primary Pin 1-4                      | 4027 Turns Diameter = 0.18 mm |
| Secondary Pin 5-7,8                  | 646 Turns Diameter = 0.16 mm  |



**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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