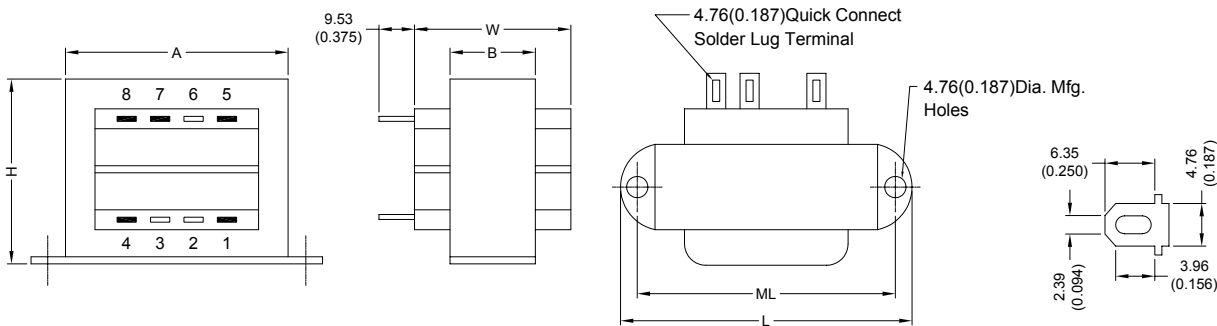


# POWER TRANSFORMER

## CS3-48 (F) SERIES

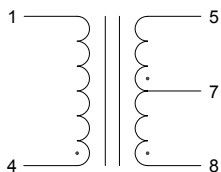
### 1. CONFIGURATION & DIMENSIONS :



UNIT : mm (inch)

SIZE	VA	L	W	H	A	B	ML	gram
3	2.4	52.40 (2.063)	27.00 (1.063)	30.18 (1.188)	41.28 (1.625)	14.30 (0.563)	44.45 (1.75)	113.40

### 2. SCHEMATIC :



" . " indicates polarity

### 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%)           |                              |
| Pin 5-8 C.T. Pin 7                   | AC 58.00 V .                 |
| d. Secondary Load Current            | 0.05A .                      |
| e. Full Load Primary Current         | Less Than 40mA .             |
| f. Full Load Secondary Voltage (±5%) | 48.00V .                     |
| Pin 5-8 C.T. Pin 7                   |                              |
| g. DC Resistance                     |                              |
| Pin 1-2                              | Primary = 320 Ohm .          |
| Pin 5-7                              | Secondary-1 = 55.80 Ohm .    |
| Pin 7-8                              | Secondary-2 = 55.80 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-35 x 13.00 m/m .          |

Turns & Wire Gauge

Primary      Pin 1-4  
Secondary    Pin 5-7-8

2005    Turns Diameter    0.11 mm  
086 x 2    Turns Diameter    0.13 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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