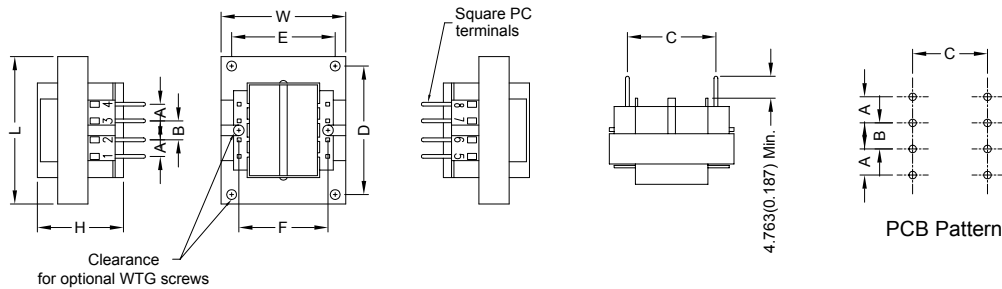


# POWER TRANSFORMER

## 14A-5.0-20 (F) SERIES

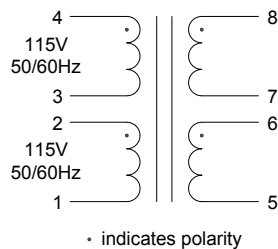
### 1. CONFIGURATION & DIMENSIONS :



UNIT : mm (inch)

VA	gram	L	W	H	A	B	C	D	E	F	Dim Pin
5.0	167.83	41.28	33.33	34.93	5.08	10.16	25.4	-	-	26.98	0.64 SQ
-	-	(1.625)	(1.312)	(1.375)	(0.200)	(0.400)	(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           | Less Than 30mA .             |
| Input AC 115V 60Hz .                 | Less Than 35mA .             |
| Input AC 230V 50Hz .                 | Series AC 25.80V . C.T.      |
| c. Secondary Voltage (±5%)           | Parallel AC 12.90V .         |
| d. Secondary Load Current            | Series 250mA .               |
|                                      | Parallel 500mA .             |
| e. Full Load Primary Current         | Less Than 85mA .             |
| Input AC 115V 60Hz .                 | Less Than 95mA .             |
| Input AC 230V 50Hz .                 | Series 20.00V . C.T.         |
| f. Full Load Secondary Voltage (±5%) | Parallel 10.00V .            |
| g. DC Resistance                     |                              |
| Pin 1-2                              | Primary = 530 Ohm .          |
| Pin 3-4                              | = 450 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 16.80 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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