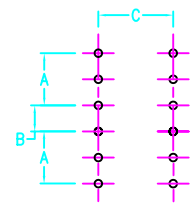
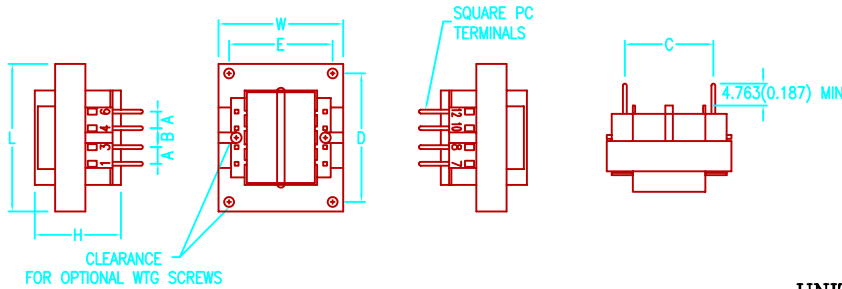


SPECIFICATION FOR APPROVAL

Product Name	POWER TRANSFORMER	Page	1
Superworld Part No.	14A-30-10 Series	Rev. No.	0

1. CONFIGURATION AND DIMENSIONS :

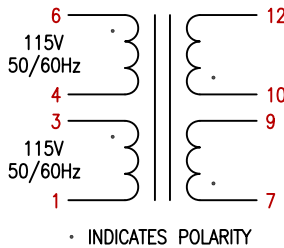


PCB PATTERN

UNIT : mm (inch)

VA	gram	L	W	H	A	B	C	D	E	F	Dim	Pin
30.0	521.63	66.68	55.55	40.80	13.97	6.99	42.67	55.37	44.45	—	1.1	SQ
—	—	(2.625)	(2.187)	(1.610)	(0.550)	(0.275)	(1.680)	(2.180)	(1.750)	—	(0.043)	SQ

2. SCHEMATIC :



3. ELECTRICAL CHARACTERISTICS (@ 25° C) :

a. Primary Voltage	AC 115/230V 50/60 Hz .
b. NO Load Primary Current	Less Than 70mA .
Input AC 115V 60Hz .	Less Than 70mA .
Input AC 230V 50Hz .	Series AC 12.00V . C.T.
c. Secondary Voltage (±5%)	Parallel AC 6.00V .
d. Secondary Load Current	Series 3000mA .
	Parallel 6000mA .
e. Full Load Primary Current	Less Than 210mA .
Input AC 115V 60Hz .	Less Than 150mA .
Input AC 230V 50Hz .	Series 10.00V . C.T.
f. Full Load Secondary Voltage (±5%)	Parallel 5.00V .
g. DC Resistance	Primary= 52 Ohm .
Pin 1-3	= 64 Ohm .
Pin 4-6	Secondary= — Ohm .
Pin 7-9	= — Ohm .
Pin 10-12	DC 500V 100Meg Ohm Of More .
h. Insulation Resistance	AC 3750V 50Hz 1 Minutes .
i. Withstand Voltage (HI-POT)	Less Than 75 Deg C .
j. Temperature Rise	EI-66 x 16.80 m/m .
k. Core Size	
l. Turns & Wire Gauge	
Primary-1 Pin 1-3	950 Turns Diameter 0.20 m/m .
Primary-2 Pin 4-6	950 Turns Diameter 0.20 m/m .
Secondary-1 Pin 7-9	50 Turns Diameter 0.90 m/m .
Secondary-2 Pin 10-12	50 Turns Diameter 0.90 m/m .



SUPERWORLD ELECTRONICS (S) PTE LTD