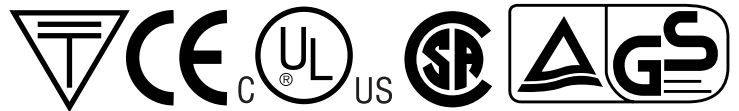


15W World Wide - Two Wire Universal Input PSA15W Low Profile Adapter Series



TRC Electronics, Inc.
Authorized Stocking Distributor
T: 973.779.8282 F: 973.779.1490
www.trcelectronics.com



Features

- * Two Wire Operation
- * Zero Minimum Loads
- * Slim 10mm Height
- * $250\mu A$ Leakage
- * ISO 9001 Quality System
- * Extended Design Life

Applications

- * Networking
- * Notebooks
- * Peripherals and Terminals
- * Portable Instruments

Safety Approvals

- * cUL1950
- * CSA 22.2 234
- * TUV EN60950
- * T-mark (<math><15V</math>)
- * CE

Mechanical Characteristics

- Dimensions: * Length: 110mm (4.33in)
- * Width: 65mm (2.56in)
- * Height: 25.4mm (1.0in)
- * Weight: 200gm (8oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple (1) P-P	Regulation	
		Min.	Max.		Line	Load
PSA15W-050	5V	0A	2.5A	50mV	$\pm 2\%$	$\pm 5\%$
PSA15W-090	9V	0A	1.5A	90mV	$\pm 1\%$	$\pm 5\%$
PSA15W-120	12V	0A	1.25A	120mV	$\pm 1\%$	$\pm 5\%$
PSA15W-150	15V	0A	1.0A	150mV	$\pm 1\%$	$\pm 5\%$
PSA15W-180	18V	0A	0.8A	180mV	$\pm 1\%$	$\pm 5\%$
PSA15W-240	24V	0A	0.625A	240mV	$\pm 1\%$	$\pm 5\%$

* Indicates center positive DC output
(1) Measured at full load by using a 12 inch twisted pair terminated with a 10mfd capacitor and a 0.1mfd ceramic in parallel.

PSA15-050 Characteristics

A D A P T E R

AC Input Voltage

90 to 264 V AC

AC Input Frequency

47 to 63Hz

AC Input Current (Full Load)

0.4Arms (120V AC)

0.2Arms (240V AC)

AC Inrush Current (Cold, Full Load)

20A max. (120V AC)

40A max. (240V AC)

Leakage Current

Less than 250 μ A, (254V AC)

Dielectric Withstand (Hipot)

3000VAC, 1 min., 10mA

Hold-up Time (Full Load)

12msec, 120V AC

20msec, 240V AC

Overvoltage Protection

Zener Diode Clamping

Overcurrent Protection

Short Cir cuit, Auto Restart

Operation Temperature

0 to 40 °C

Storage Temperature

-25 to +75 °C

MTBF

100,000 hrs. minimum
(full load, 240V AC, 25 °C)

Emissions

FCC Class B

EN 55022 B

Immunity

EN 50082-1: 1997

IEC 801-2 Level 3

IEC 801-3 Level 2

IEC 801-4 Level 2

61000-4-2, Level 3

61000-4-3, Level 2

61000-4-4, Level 2

61000-4-5, Level 3

61000-4-6, Level 2

61000-4-11

AC Mating Connector

Cord, IEC EN 60320/C7 (2 wire)

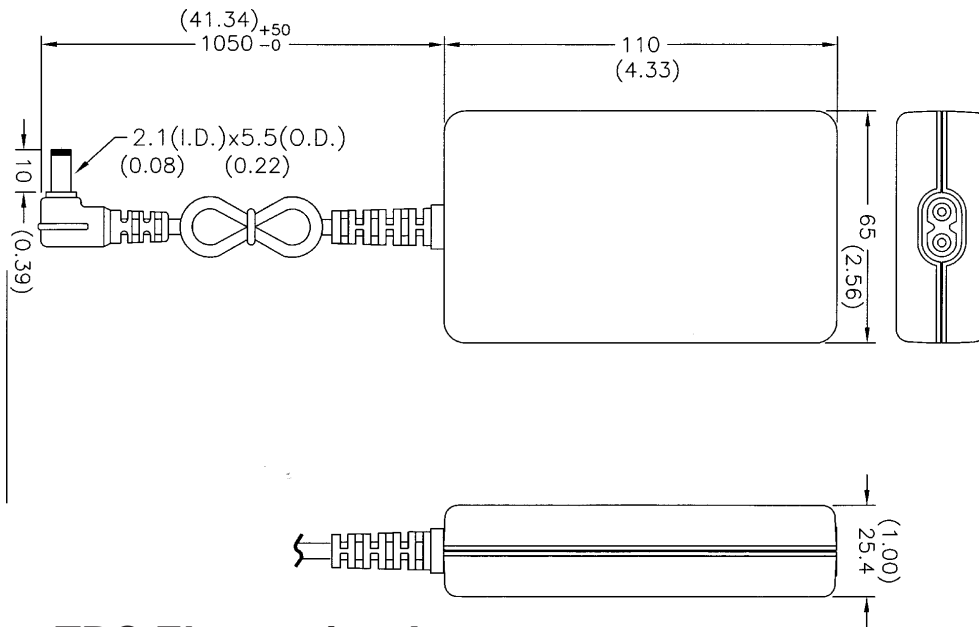
DC Output Connector

2.1mm (ID); 5.5mm (OD);

10mm(lgth) Coaxial

Center Positive Standard

Dimension Diagram Unit: mm (inch)



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