

- ◆ High Power
- ◆ Wide AC input range
- ◆ Fully regulated output
- ◆ Single and Dual output
- ◆ High efficiency
- ◆ FCC Class B, VCCI Class B
- ◆ Very Small case
- ◆ PCB Mounting
- ◆ One Year warranty



Electrical Specifications

Input

- ◆ Voltage: 90 - 260 VAC (Universal Input)
- ◆ Frequency: 47 - 440 Hz

Output

- ◆ Voltage: Please have a look to the Order list
- ◆ Tolerance: +/- 2 %
- ◆ Wattage: 5 Watt
- ◆ OVP: Yes (Over Voltage Protection)
- ◆ OCP: Yes (Over Current Protection)
- ◆ Efficiency: 76% by full load and nom. ACin

Safety

- ◆ UL / CSA: cUL1950
- ◆ TUV / GS: EN 60950

EMI

- ◆ CE: CE Mark

Mechanical Specifications

Housing

- ◆ Plastic case with Pin mounting
- ◆ Dimensions: 50,8 x 25,4 x 15,16 mm
- ◆ Case is complete closed, inside epoxy

Connections

- ◆ Input: Pin for soldering
- ◆ Output: Pin for soldering

Environmental

- ◆ Storage: - 40°C to + 85°C
- ◆ Operation: - 25°C to + 71°C

Reliability / Warranty

- ◆ MTBF: 400.000 hrs by + 25°C

Electrical Specifications

Order List / Selection List

MODEL NUMBER	INPUT VOLTAGE (VAC)	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (mA)	EFFICIENCY (%)
AHC - 3,3 S	90~260	3,3	1250	70
AHC - 5 S		5	1000	72
AHC - 12 S		12	420	75
AHC - 15 S		15	333	75
AHC - 24 S		24	230	76

Electrical details

- ◆ Line Regulation: 0,3 % max.
(Low line to high line)
- ◆ Load Regulation: +/- 3 % (No Load to Full Load)
- ◆ Ripple & Noise: 1 %
- ◆ Leakage Current: < 0,30 mA

Tests

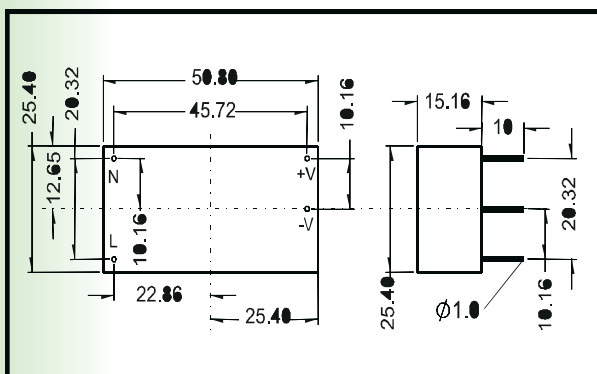
- ◆ Burn - In: 100 % (12 hrs @ +60°C)
- ◆ ATE Test: 100 %
- ◆ Hi - pot Test: 100 %

Pinning

Electrical Protections

- ◆ Over Voltage: Yes
- ◆ Over Current: Yes
- ◆ Short Current: Yes

Mechanical drawing



EMI

- ◆ FCC: Part 15 / Class B
- ◆ VCCI: Level 2
- ◆ CISPR: Pub 22 / Class B
- ◆ MEC: CE Mark

Mechanical

- ◆ Weight: 30 gr.
- ◆ Dimensions: 50,8 x 25,4 x 15,16 mm
(L x W x H)