

SPECIFICATION

High Quality Switching Wallmount Adapter Interchangeable AC Plugs

Universal AC Input
5W 5VDC 1.0A Output
Efficiency Level VI



P/N: W050010GPX2

****Specification Approval****

This specification (including cover page) is approved in it's entirety by:

Company Name

Print Name

Signature

Date

Specification subject to change without prior notice unless an agreement is in place.



Tel: 1-408-980-9813
Fax: 1-408-980-8626
Email: infor@topmicro.com
Web: www.topmicro.com
031212V.A

1. Input

- 1.1 Rated input voltage: 100-240VAC
- 1.2 Vibration input voltage range: 90-264VAC
- 1.3 Rated input frequency: 50/60Hz
- 1.4 Vibration Rate input frequency: 47/63Hz
- 1.5 AC input Rated current: 0.2A Max. @ 100VAC
- 1.6 AC input Max power(No load): 0.075W Max.
- 1.7 Inrush Current: 30A Max. @ 100VAC cool start
60A Max. @ 230VAC cool start
- 1.8 Leakage current: 0.25mA Max.

2. Output

- 2.1 Rating output voltage: 5V
- 2.2 Rating output current: 1.0A
- 2.3 Min. load current 0A
- 2.4 Output no-load voltage: 5V±5%
- 2.5 Output load voltage: 5V±5% (4.40V to 5.40V)
- 2.6 Output ripple & noise: 100mV Max.

3. General characteristics

- 3.1 Max output power: 5Watts
- 3.2 Efficiency: 73.77% Average
- 3.3 Short circuit protection: A short circuit placed on DC output shall cause no damage.
- 3.4 Over Voltage Protection: When overvoltage occurs on DC output no damage shall be sustained.

4. Environmental:

- 4.1 Operating temperature: 0°C~40°C
- 4.2 Storage temperature: -25°C to 85°C
- 4.3 Operating relative humidity: 8% to 90%
- 4.4 Storage relative humidity: 5% to 95%

5. Design standard : meet

UI60065
EN60065
AS/NZS6005

6. EMI standard

FCC Part 15 Class B : 2008
EN 55013: 2001 +A1:2003 +A2:2006
EN 61000-4-2/ESD
EN 61000-4-3/RS
EN 61000-4-4/EFT/Burst
EN 61000-4-5/Surge
EN 61000-4-6/CS

7. HI-POT test

- (1)Primary to secondary: 4525 VDC for 3sec 5mA
- (2)Primary to case: 4242 VDC for 1 min. 5mA
4525 VDC for 3sec 5mA

8. Insulation resistance

Input to output: >10Mohm.@500VDC

9. Reliability:

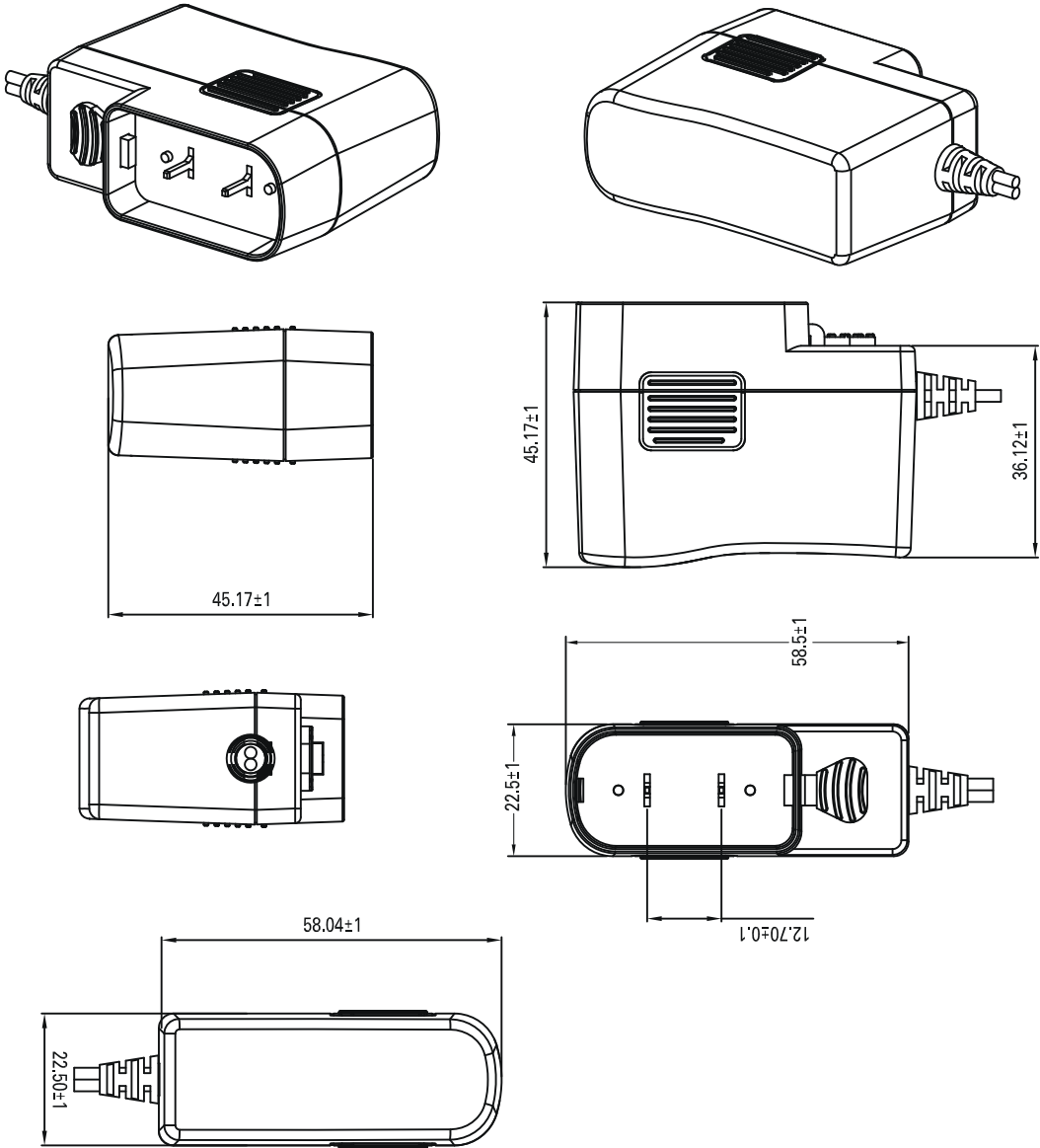
- 9.1 Burn-in: 2 hrs,40°C+/-5°C 240VAC
ON/OFF cycling full load nominal line
- 9.2 Altitude: Will operate properly at altitude between 0 to 10000ft

10. Mechanical

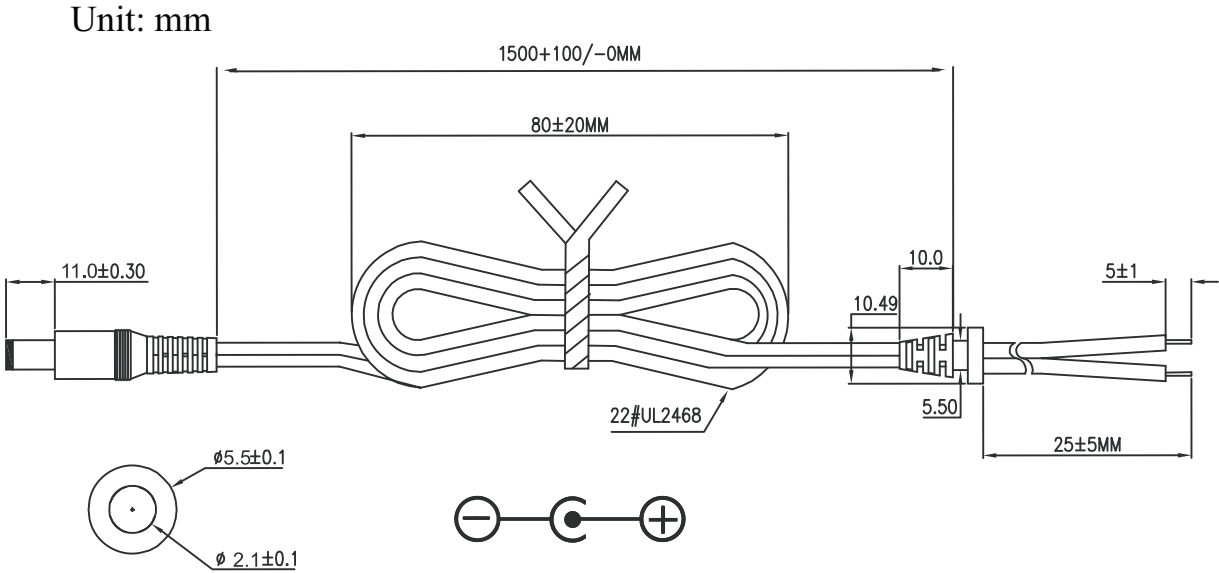
- 10.1 Weight: 65g

11. Mechanical Drawing

Unit: mm



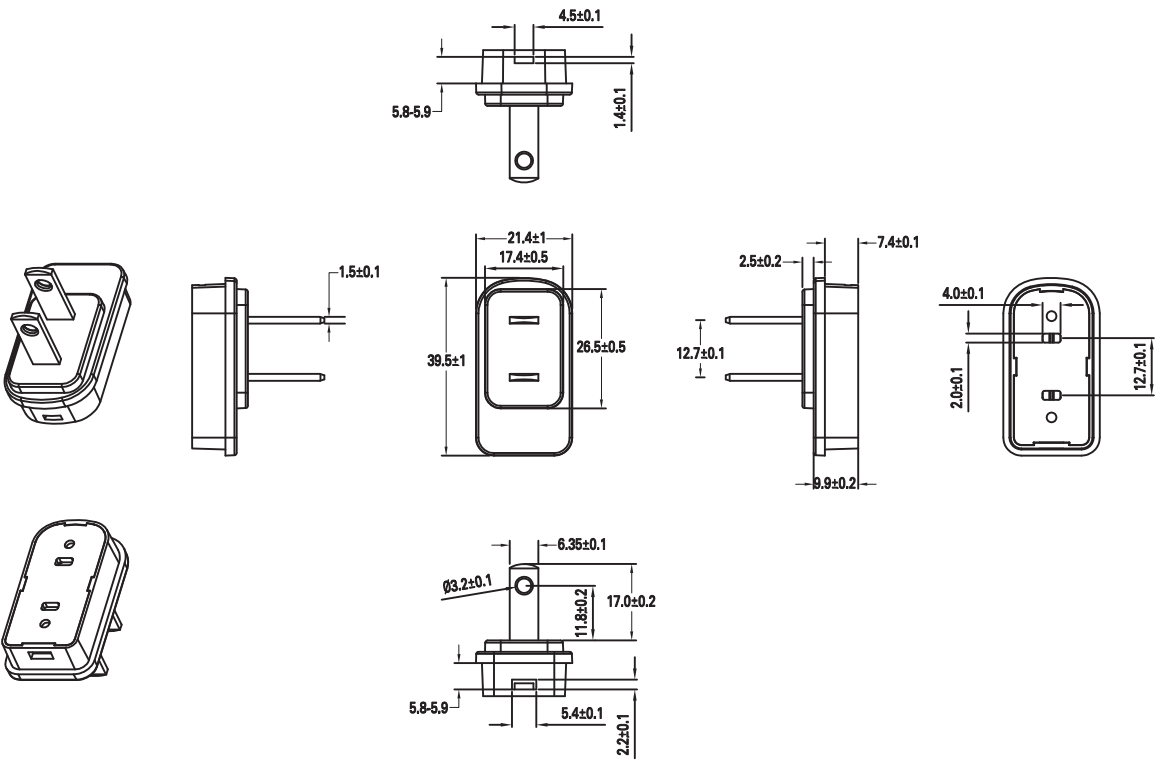
12. DC Cable & Plug



13. AC Plugs

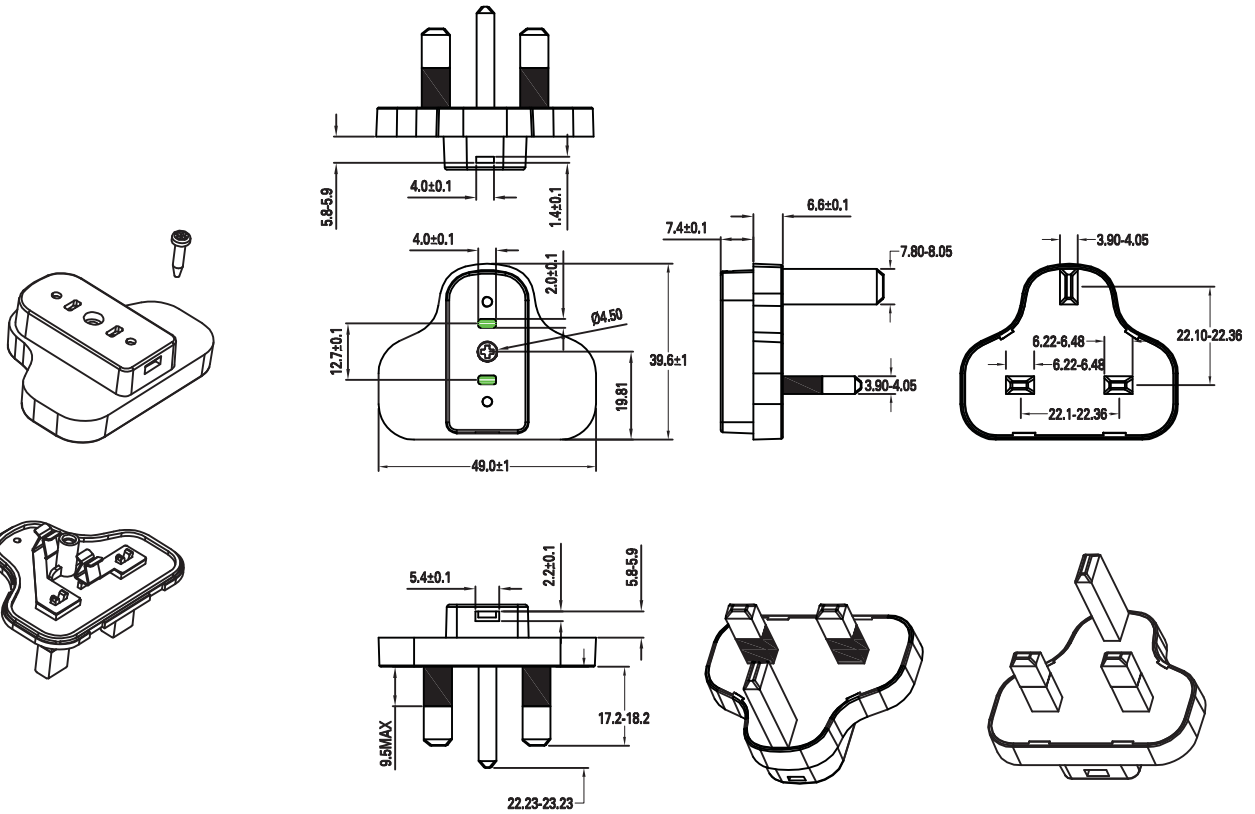
(U.S. Plug)

Unit: mm



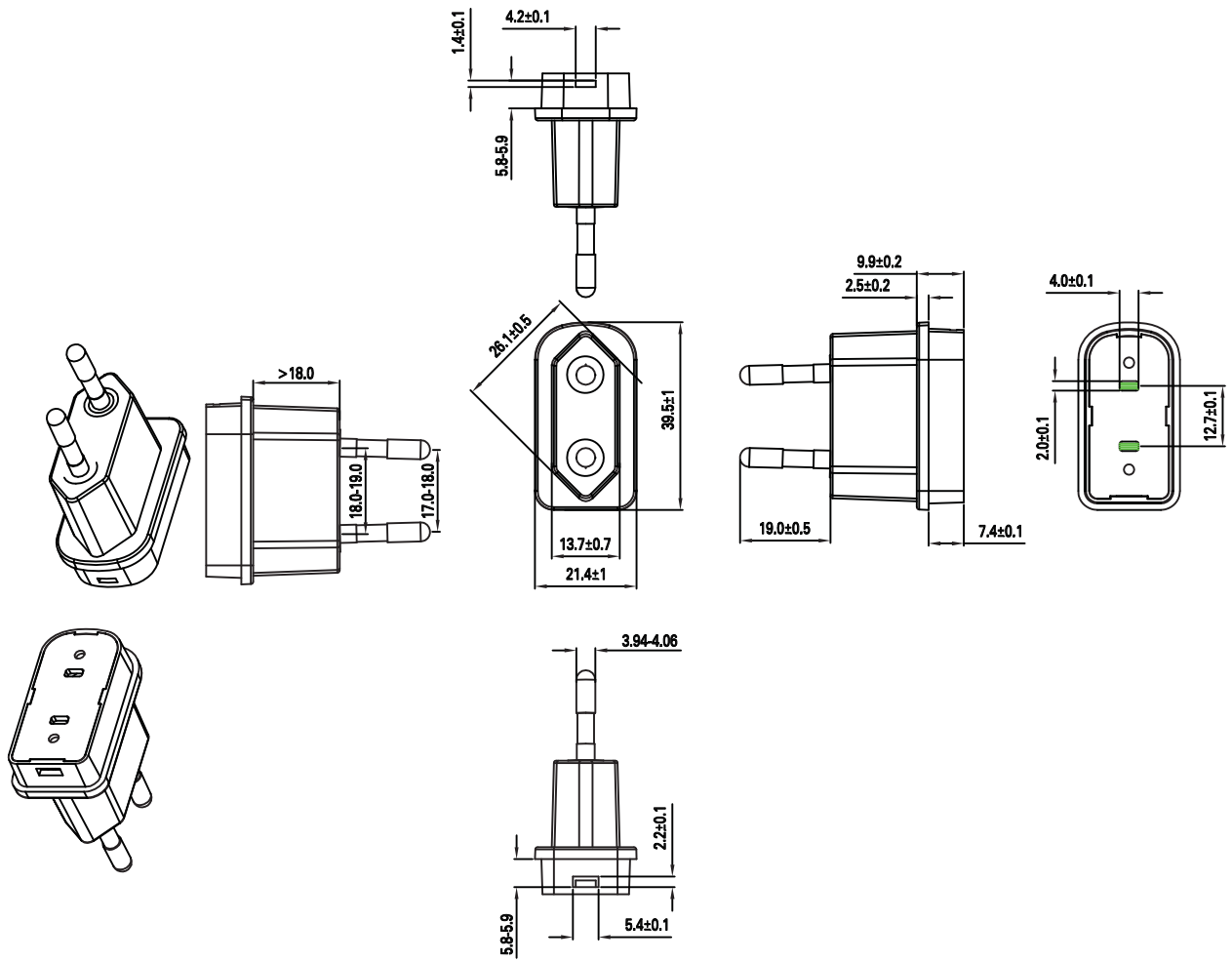
(U.K. Plug)

Unit: mm



(EU Plug)

Unit: mm



(AUS Plug)

Unit: mm

