

SPECIFICATION

High Quality Switching Wallmount Adapter Interchangeable AC Plugs

Universal AC Input
16.5W 7.5VDC Output



P/N: W075022GPX

****Specification Approval****

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

Company Name

Print Name

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1. Input:

- 1.1 Rate input voltage: 100-240V AC
- 1.2 Vibration input voltage range: 90-264V AC
- 1.3 Rate input frequency: 60/50Hz
- 1.4 Vibration Rate input frequency: 63/47Hz
- 1.5 AC input Rated current: 0.75A Max .@100V AC
- 1.6 AC input Max power(No load): 0.3W Max .@230V AC
- 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: 7.5V
- 2.2 Rating output current: 2.2A
- 2.3 Min. load current 0A
- 2.4 Output no-load voltage: $7.5V \pm 5\%$
- 2.5 Output load voltage: $7.5V \pm 5\%$
- 2.6 Output ripple & noise: 180mV max.

3. General:

- 3.1 Max output power: 16.5Watts
- 3.2 Efficiency measurement : 79% Min. @ full load & input 230VAC, output set to 7.5V/2.2A.
79% Min. @ full load & input 115VAC, output set to 7.5V/2.2A.
- 3.3 Efficiency : 79.86% Min. at 115Vac 60Hz and 230Vac 50Hz input,
and 25%, 50%, 75%, 100% of full load after 10minutes warm-up.
i.e. meets CEC efficiency level V and EUP.
- 3.4 Short circuit protection: Protection against short circuit for output.
The output can be shorted permanently without being damaged.
- 3.5 Overshoot / Undershoot: $7.5V \pm 10\%$
- 3.6 Any protect condition shall cause no damage and no component fail.
Automatic recovery when removal of protect condition.

4. Environmental:

- 4.1 Operating temperature: 0C ~ 40C
- 4.2 Storage temperature: -25C ~ 80C
- 4.3 Operating relative humidity: 8% ~ 90%
- 4.4 Storage relative humidity: 5% ~ 95%

5. Application standard

UL1950 UL60065
EN60950 EN60065
EN55022 EN55013
GB4943 GB8898

6. EMI standard: FCC Class B, CE, VCCI-II

7. Hi-Pot Test

Primary to secondary: 4242VDC for 1minute or 4525VDC for 3sec, or 3000VAC for 3sec 10mA

Primary to case: 4242VDC for 1minute or 4525VDC for 3sec, or 3000VAC for 3sec 10mA

8. Insulation resistance

Input to output: >10Mohm. @ 500VDC

9. Reliability:

9.1 MTBF: 50K hours min.
@ full load at 25C ambient temperature

9.2 Burn-in: 2~4hrs, 40C +/- 5C 240VAC
ON/OFF cycling full load nominal line

9.3 Altitude: Will operate properly at altitude between 0 to 10000ft

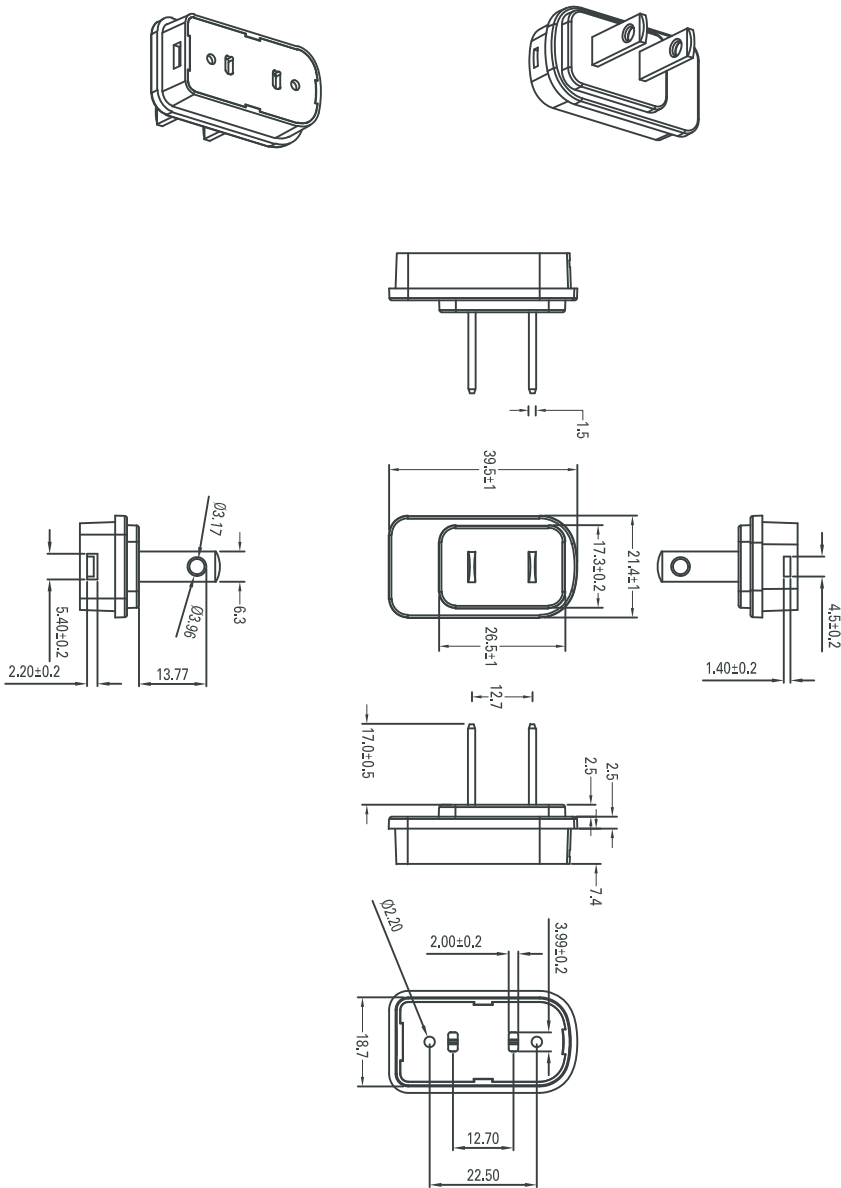
10. Mechanical

10.1 Weight: 230.1g

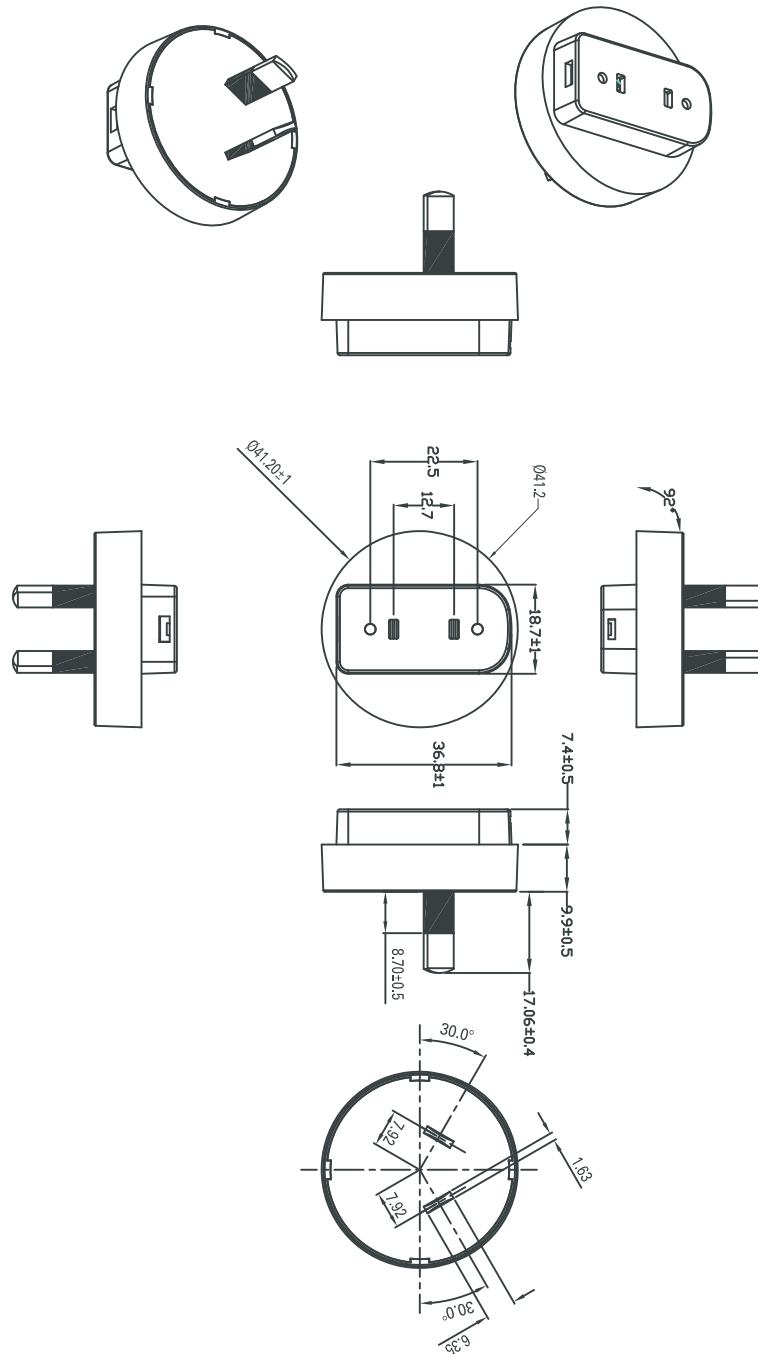
10.2 Bending test: 120 swings from left to right, loading weight 200g,
40 cycles/minute, 2400 cycles total.

10.3 Pull test: DC cord and plug, weight 9kg for 1 minute.

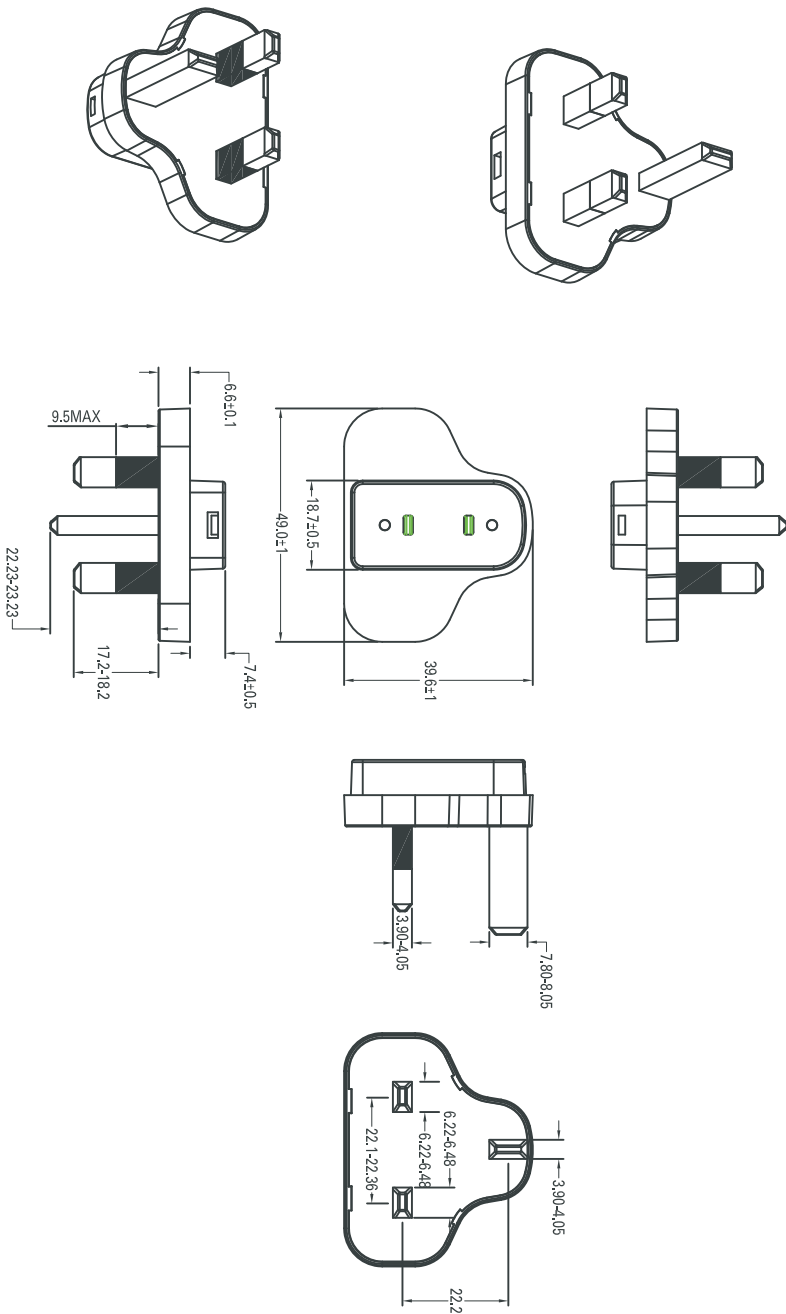
11. AC Plugs



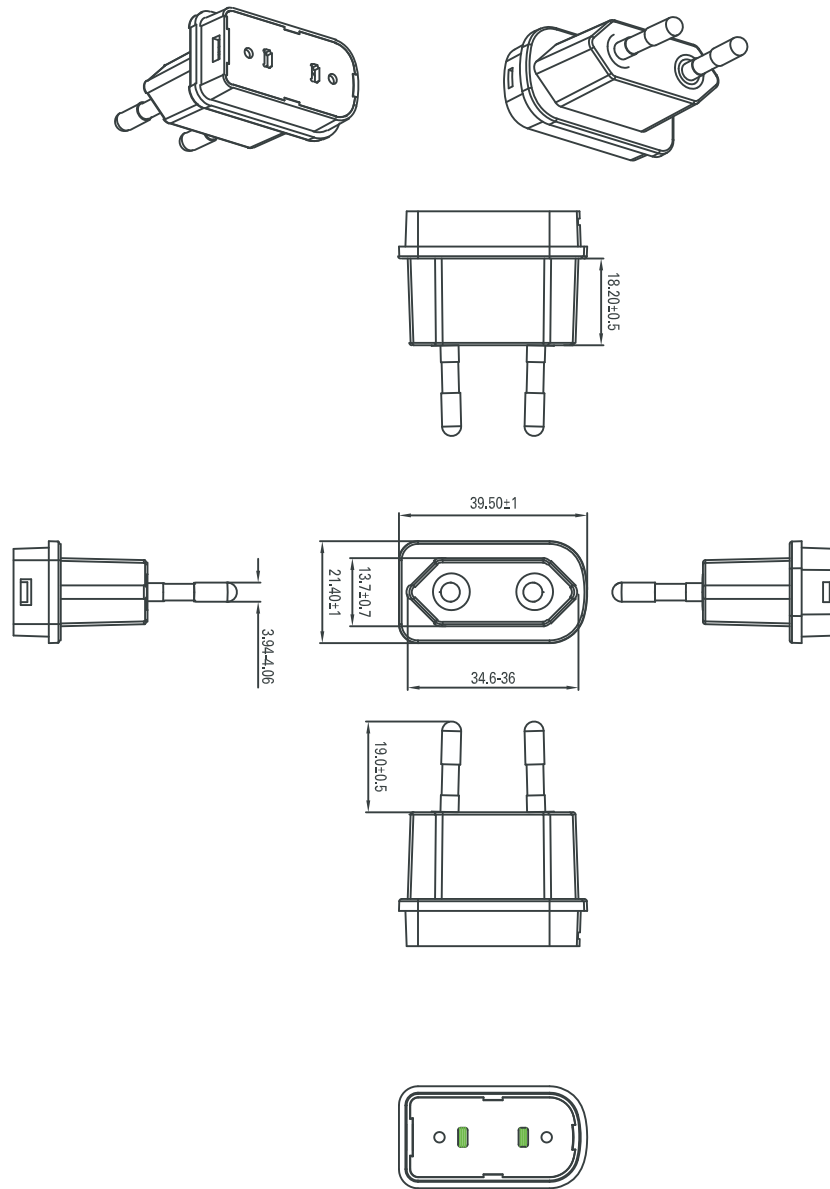
11. AC Plugs (continued)



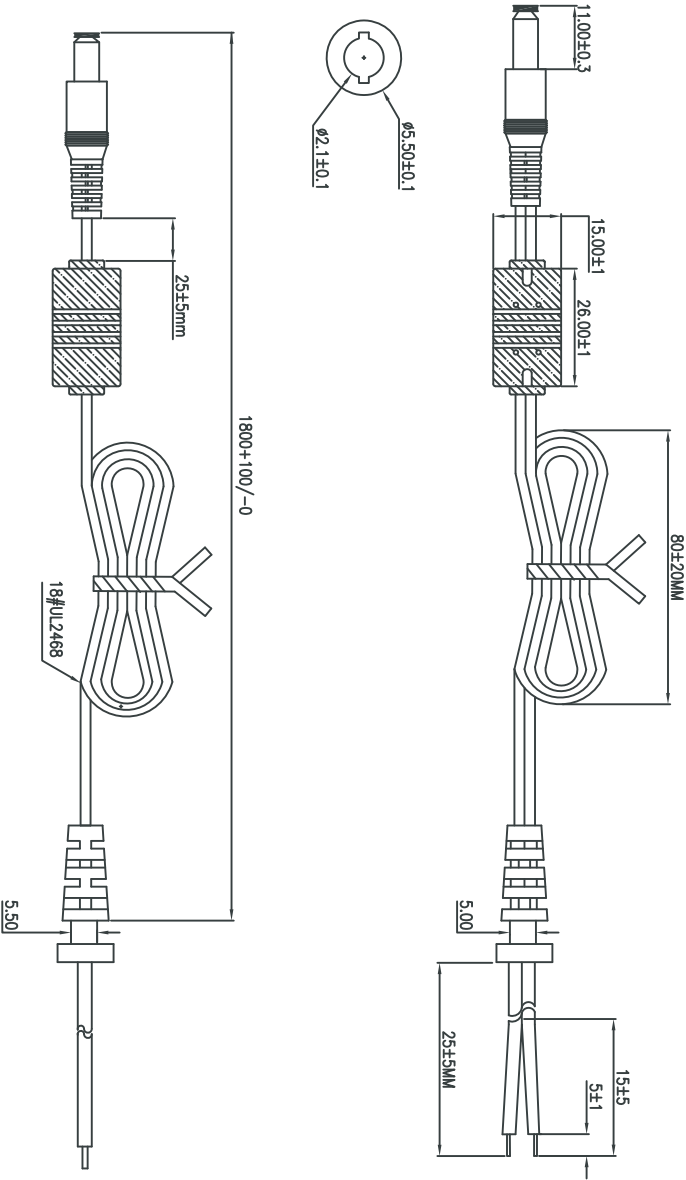
11. AC Plugs (continued)



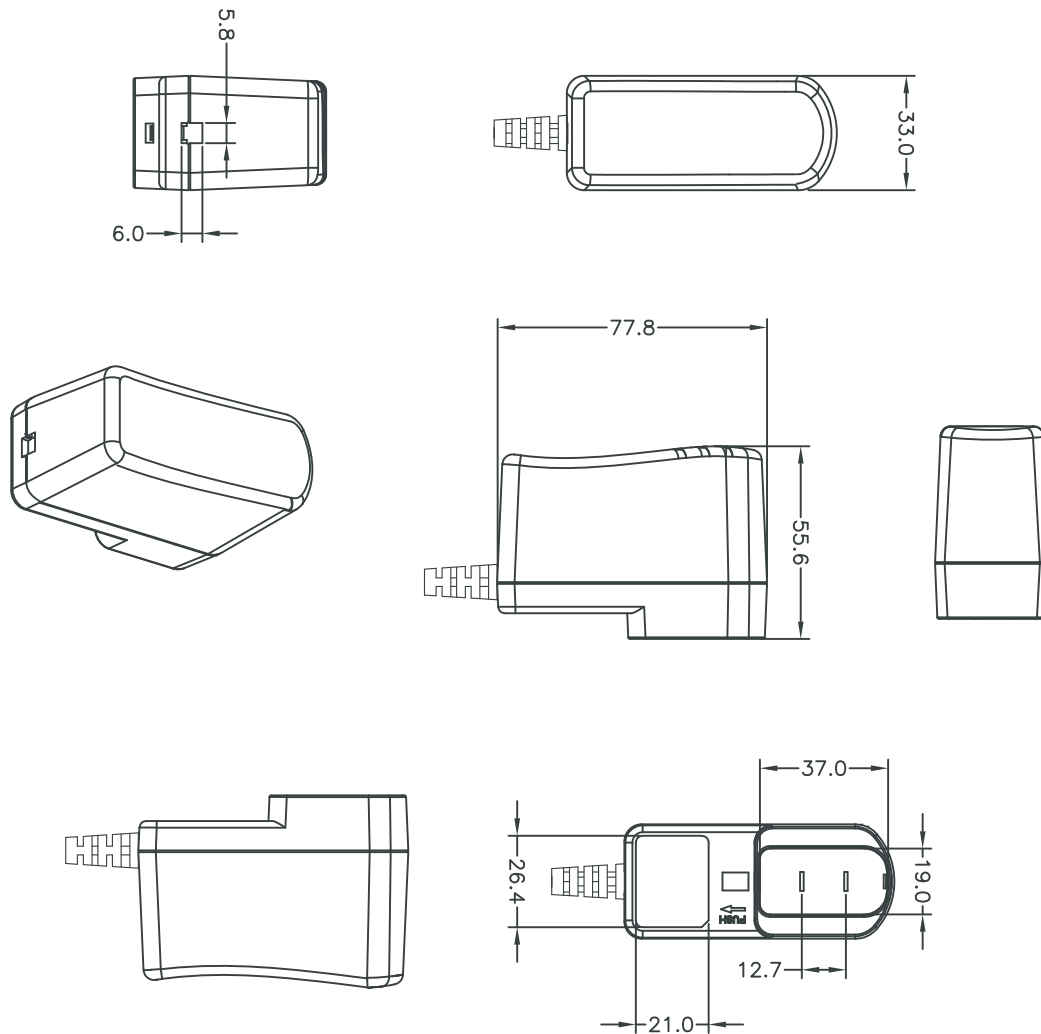
11. AC Plugs (continued)



12. Output Cable & Plug



13. Overall Drawing



14. Rating Label

