

SPECIFICATION

High Quality Switching Wallmount Adapter Interchangeable AC Plugs

Universal AC Input 10W 9VDC Output



P/N: W090011GPX

****Specification Approval****

This specification (total 10 pages including cover page) is approved in it's entirety by:

Company Name		Print Name	Signature	Date
Rev.	Description of change		Author	Date
	Initial release		R. Bolton	Apr. 24th 2011
	Fonts revised		R. Bolton	Apr. 28th 2011



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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 rated input frequency:	47/63Hz
1.5 AC input rated current:	0.4A Max. @ 100VAC
1.6 AC input max power (no load):	0.3W Max. @ 230VAC
1.7 Inrush current:	30A Max. @ 100VAC cold start 60A Max. @ 230VAC cold start
1.8 Leakage current:	0.25mA Max

2. Output

2.1 Rating output voltage:	9V
2.2 Rating output current:	1.1A
2.3 Min. load current	0A
2.4 Output no-load voltage:	9V±5%
2.5 Output load voltage:	9V±5%
2.6 Output ripple & noise:	150mV max.

3. General

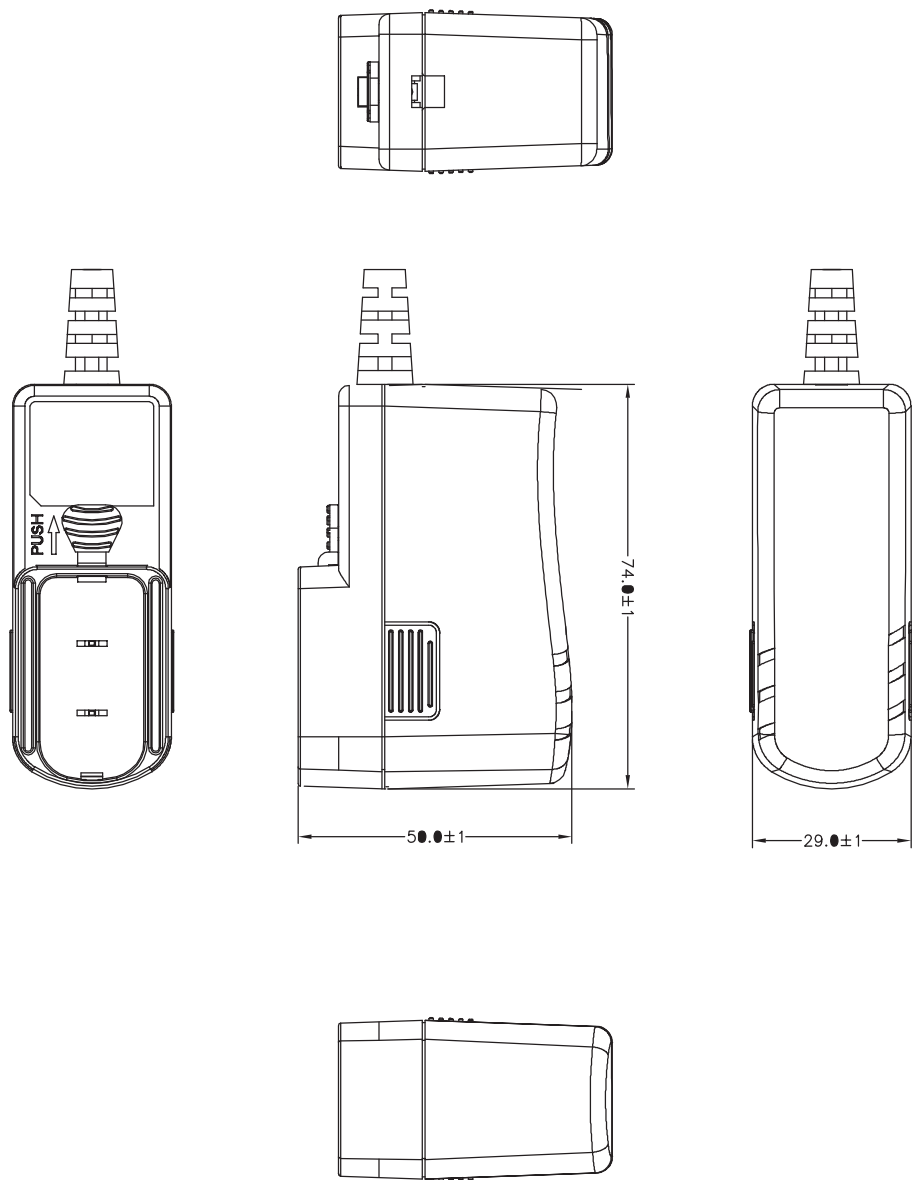
3.1 Max output power:	11W
3.3 Efficiency :	77.6% Min. at 115Vac 60Hz and 230Vac 50Hz input, and 25%,50%,75%,100% of full load after 10minutes warm-up. i.e. meet CEC efficiency level V and EUP.
3.4 Short circuit protection:	Protection against short circuit for output. The output can be shorted premanently without damage.
3.5 Overshoot / Undershoot:	9V±10%
3.6 Fault conditions shall not cause any damage or component failures.	
Unit shall auto-recover after removal of fault condition.	

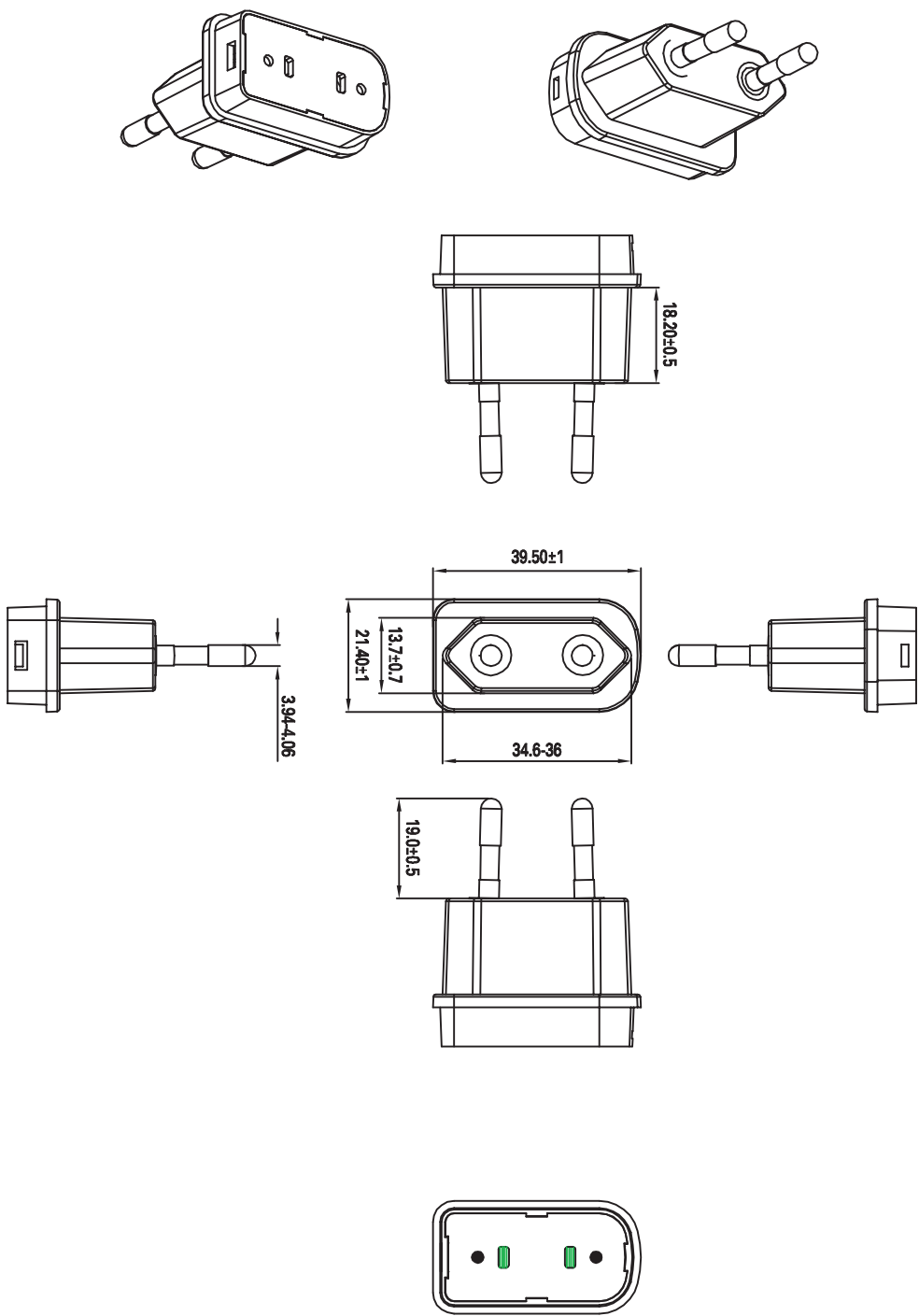
4. Environmental:

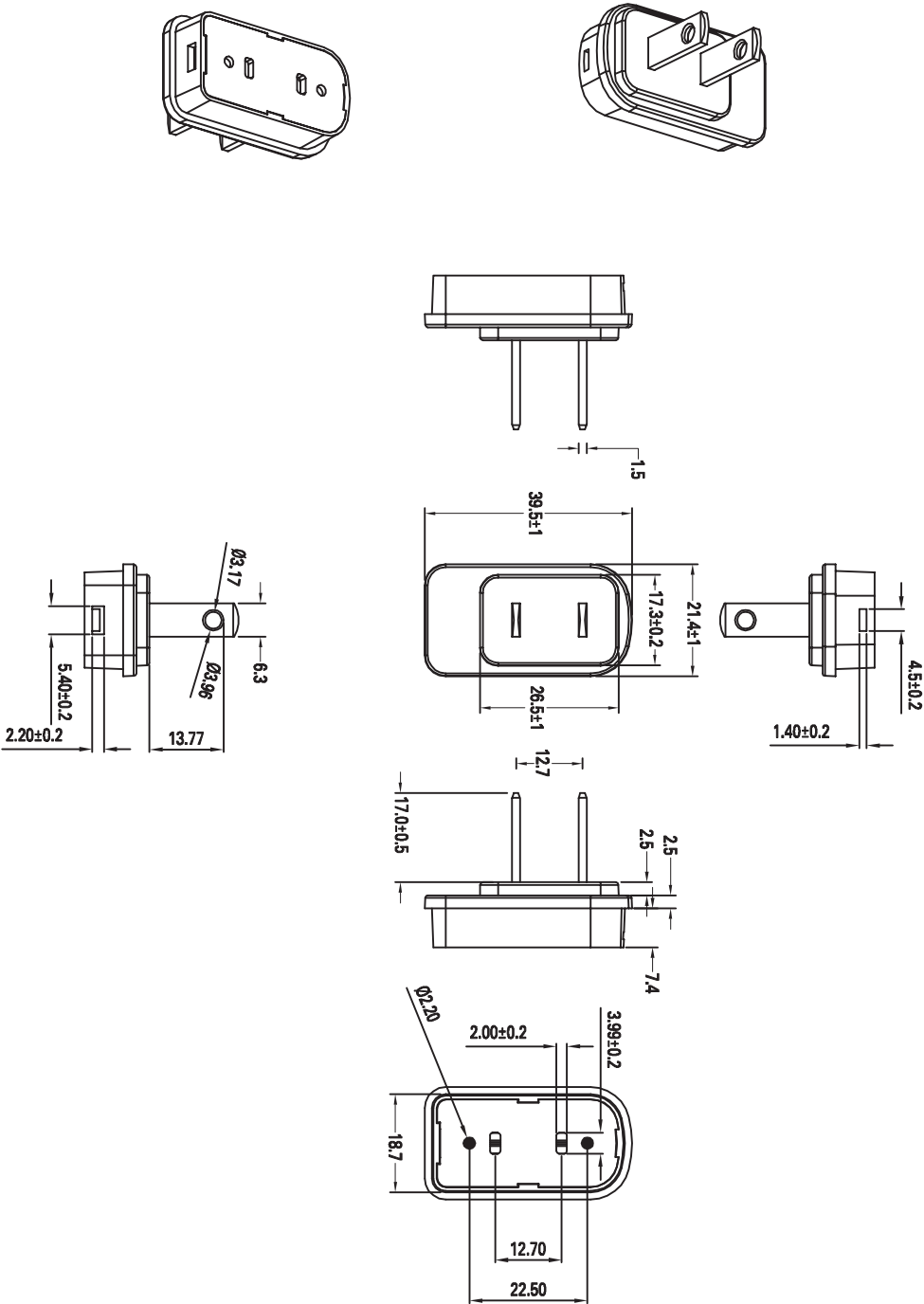
4.1 Operating temperature:	0~40℃
4.2 Storage temperature:	-25℃ to 85℃
4.3 Operating relative humidity:	8% to 90%
4.4 Storage relative humidity:	5% to 95%

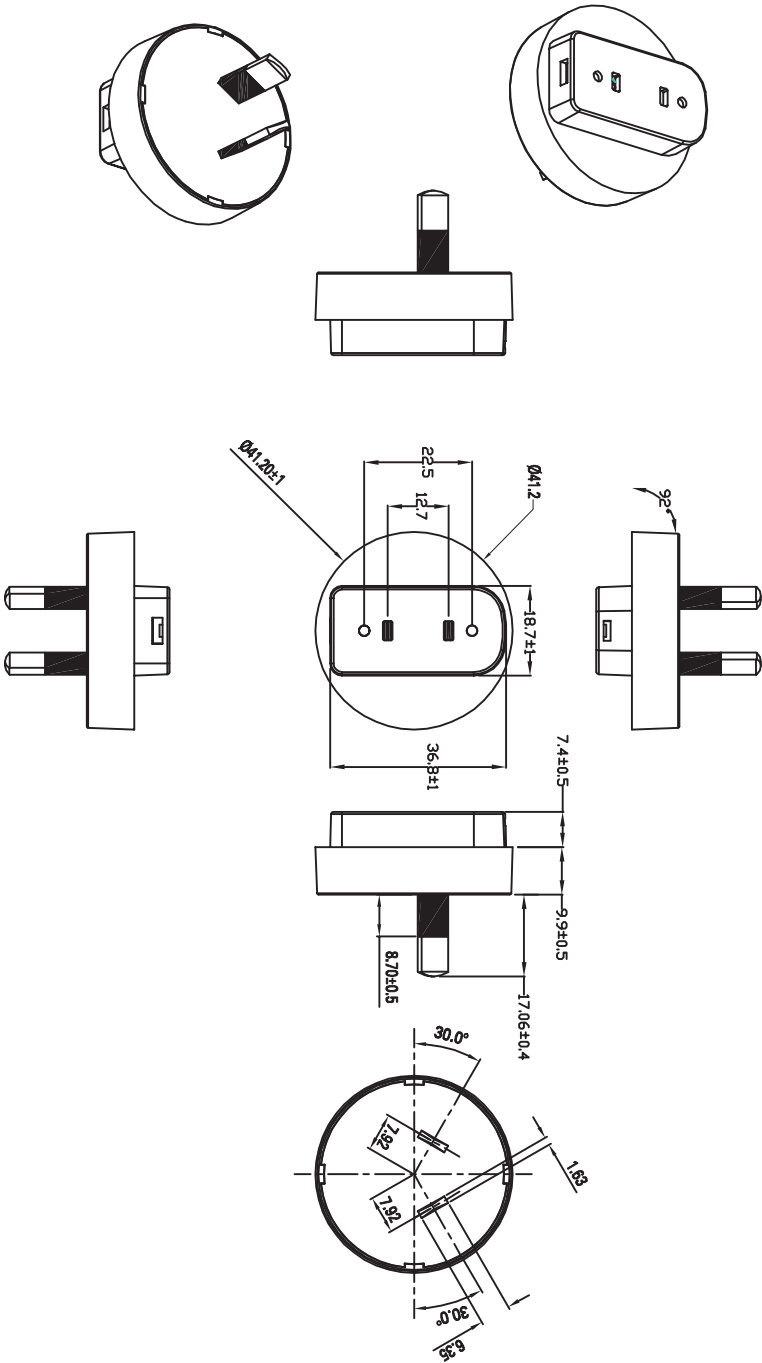
5. Applicable standard
- UL1950
 - EN60950
 - EN55022
 - GB4943
6. EMI standard
- FCC Class B, CE, VCCI-II
7. HI-POT test
- 7.1 Primary to secondary: 4242VDC for 1minute 5mA (Safety test)
 - 7.1 Primary to case: 4525VDC for 3sec 5mA (Production test)
8. Insulation resistance
- 8.1 Input to output: >10Mohm.@500VDC
9. Reliability:
- 9.1 Burn-in: 2 hrs,40+/-5°C 240VAC
ON/OFF cycling full load nominal line
 - 9.2 Altitude: Will operate properly at altitude between 0 to 10000ft
10. Mechanical specification:
- 10.1 DC cord:
 - 10.1.1 Bending test: Life 1000times 100% guarantee. Swings 120 forn Left to right loading weight 200g, 40 cycle/minute 2400 cycles.
 - 10.1.2 Pull test: DC cord and plug, weight 9kg for 1 minute.

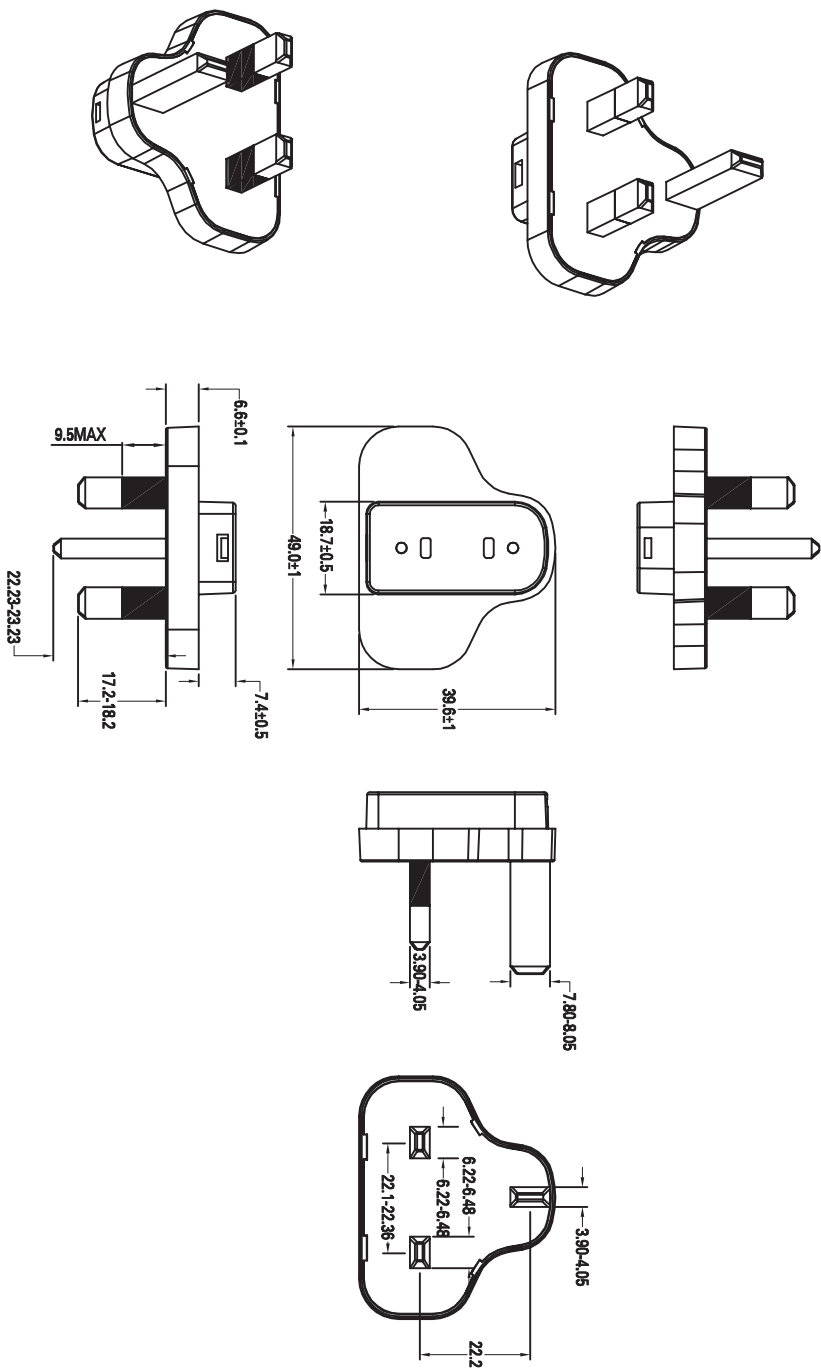
11. Mechanical Drawings



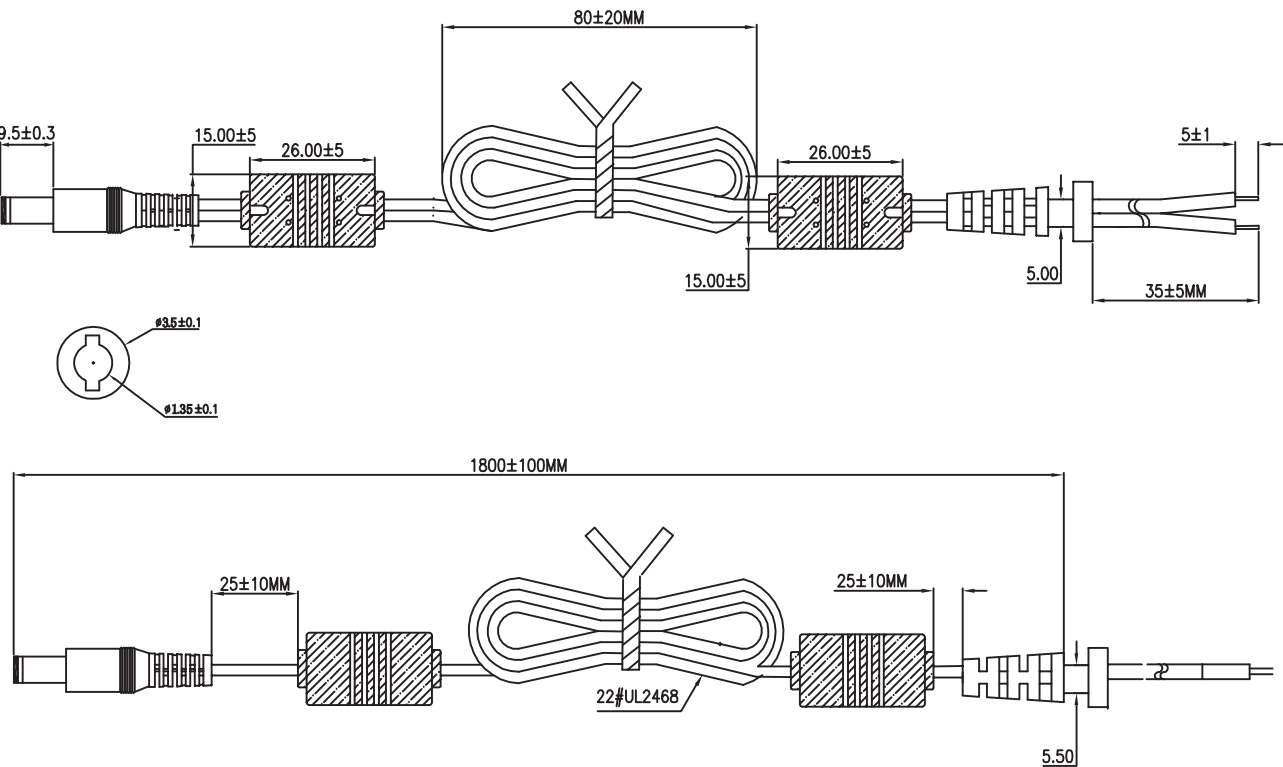








12. Output Cable and Plug



13. Label

