

SPECIFICATION

Wallmount Adapter Interchangeable AC plugs

Universal AC Input 15W 24VDC 0.63A Output

P/N: W240006GPX

****Specification Approval****

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

Company Name

Print Name

Signature

Date



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031009V1.0

1.INPUT:

1.1 Input voltage rating :	100-240V AC
1.2 Input voltage range:	90-264V AC
1.3 Input frequency rating :	60/50Hz
1.4 Input frequency range:	63/47Hz
1.5 AC input current:	0.4A Max .@100V AC
1.6 AC input power saving:	0.3W Max .@230V AC at no load
1.7 Inrush Current:	30A Max .@100VAC cold start 60A Max .@230VAC cold start
1.8 Leakage current:	0.25mA Max

2. Output characteristics

2.1 Output voltage:	24V
2.2 Max. load current	0.625A
2.3 Min. load current	0A
2.4 Output no-load voltage:	24V \pm 5%
2.5 Output load voltage:	24V \pm 5%
2.6 Output ripple & noise:	350mV max.

Measured by using a 12inch twisted pair terminated with a 10uF capacitor and 0.1uF ceramic in parallel.

3. General characteristics

3.1 Total output power:	15W
3.2 Efficiency measurement :	78% Min. @full load & input 230VAC, Output set to 24V/0.625A.
For production testing:	78% Min. @full load & input 115VAC, Output set to 24V/0.625A.
Efficiency :	79.26% Min. at 115Vac 60Hz and 230Vac 50Hz input, and 25%, 50%, 75%, 100% of full load after 20minutes warm-up. i.e. meet CEC level V and Erp 2 .
3.3 Short circuit protection:	No damage when output is shorted to GND. And after short circuit, auto restart .
3.4 Overshoot / Undershoot:	24V \pm 10%

4. Environment:

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

5. Application safety standard : meet

UL 60950	EN 60950	AS/NZS 60950	J60950
UL 60065	EN 60065	AS/NZS 60065	J60065
UL 1310	EN 60335	GB4943	J61558
	EN 61558	GB8898	

6. EMI standard : meet

UL FCC Part 15 Class B : 2008	GB 9254-2008
EN 55022: 2006+A1:2007	GB 17625.1-2003
EN 55013: 2001 +A1:2003 +A2:2006	J55022
	J55013

7. HI-POT test

- (1)Primary to secondary: 4525VDC for 3sec. 5mA(production testing)
 4242VDC for 1min. 5mA(Sample testing)
 (2)Primary to case: 4525VDC for 3sec 5mA(Production test)
 (only for metal case)

8. Insulation resistance

Input to output: >10Mohm.@500VDC

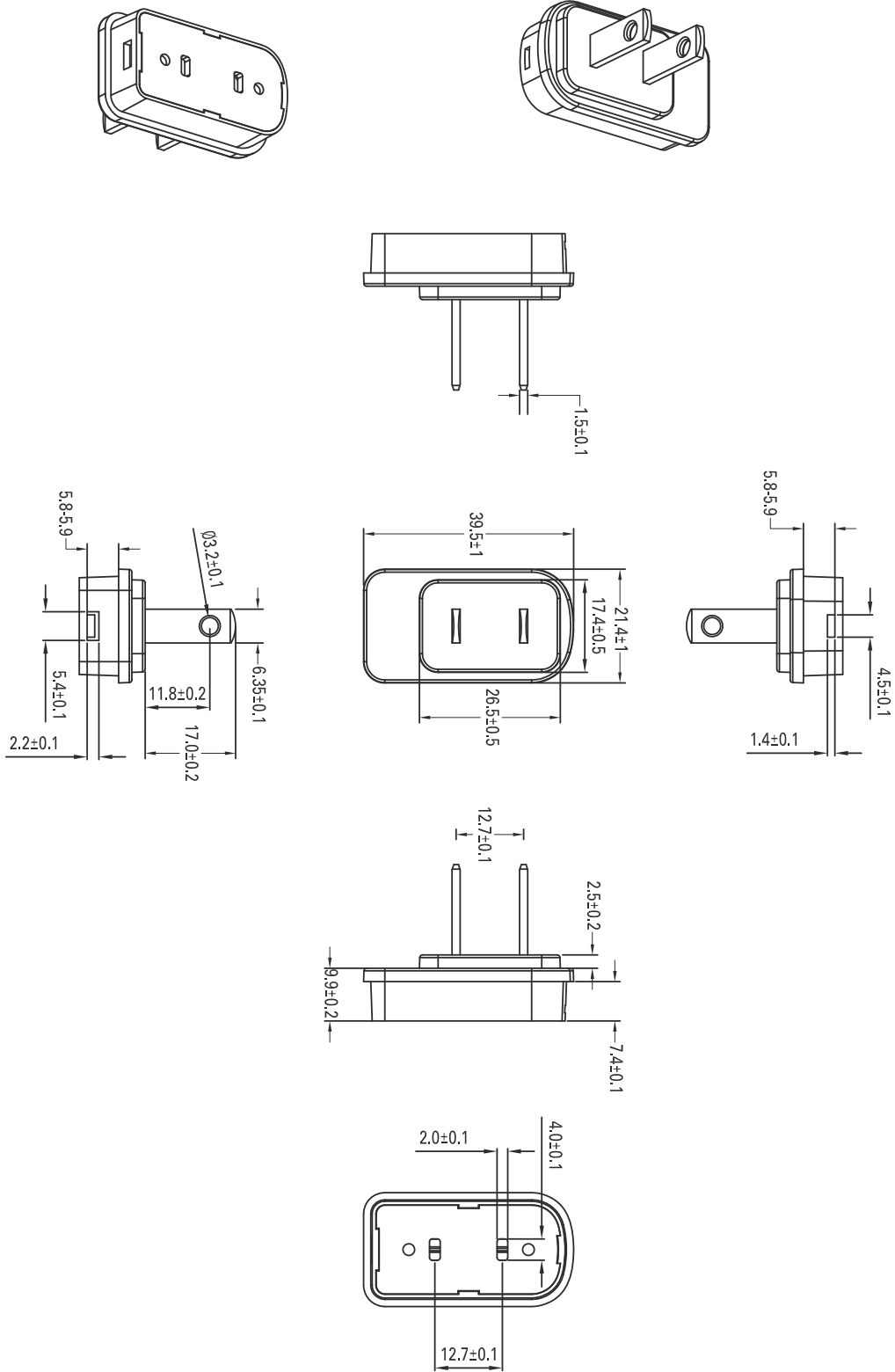
9. Reliability:

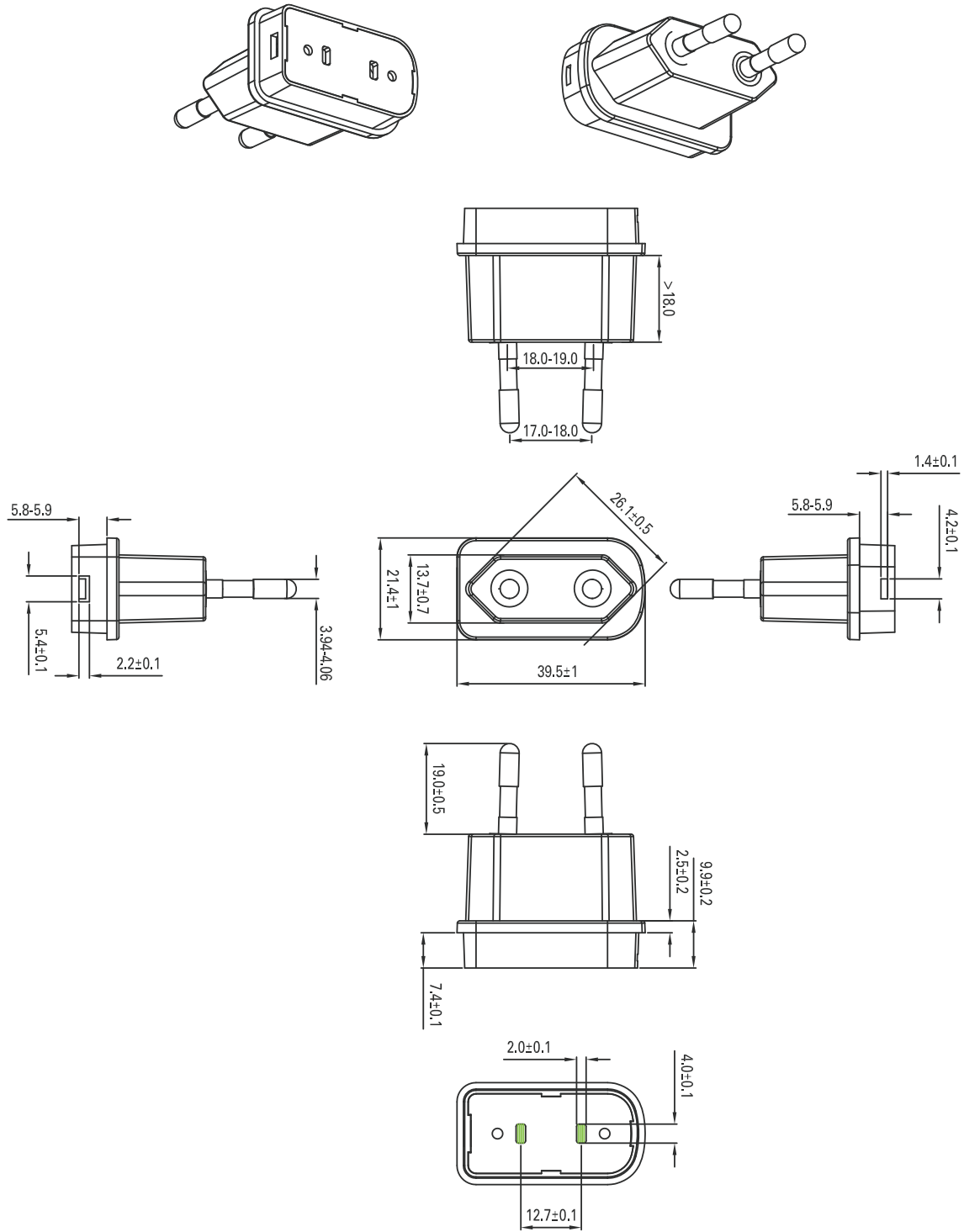
- 9.1 MTBF: 50K hours min. @full load at 25 ambient temperature
 9.2 Burn-in: 2~4hrs,40+/-5 240VAC,ON/OFF cycling full load nominal line
 9.3 Altitude: Will operate properly at altitude between 0 to 10000ft

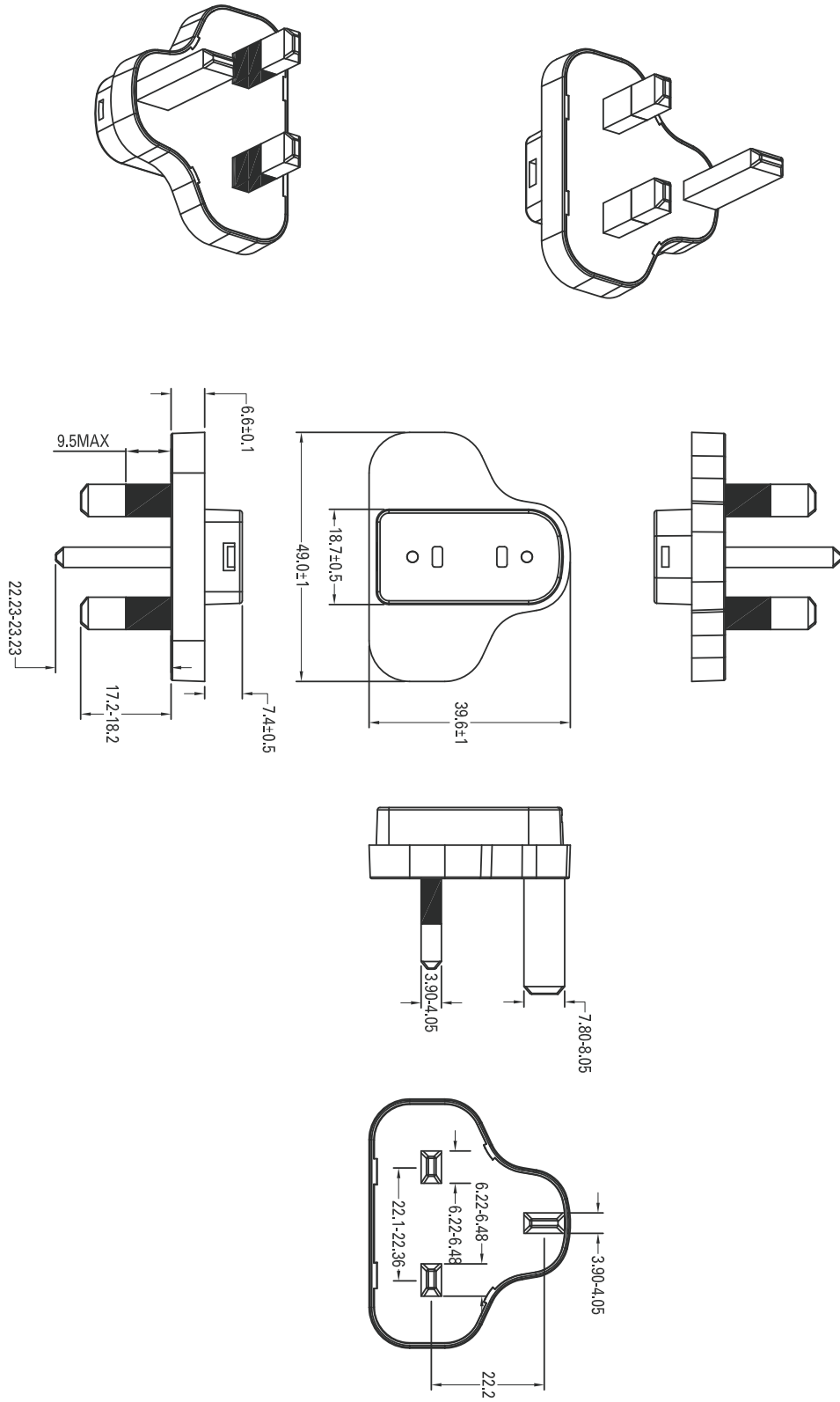
10. Mechanical

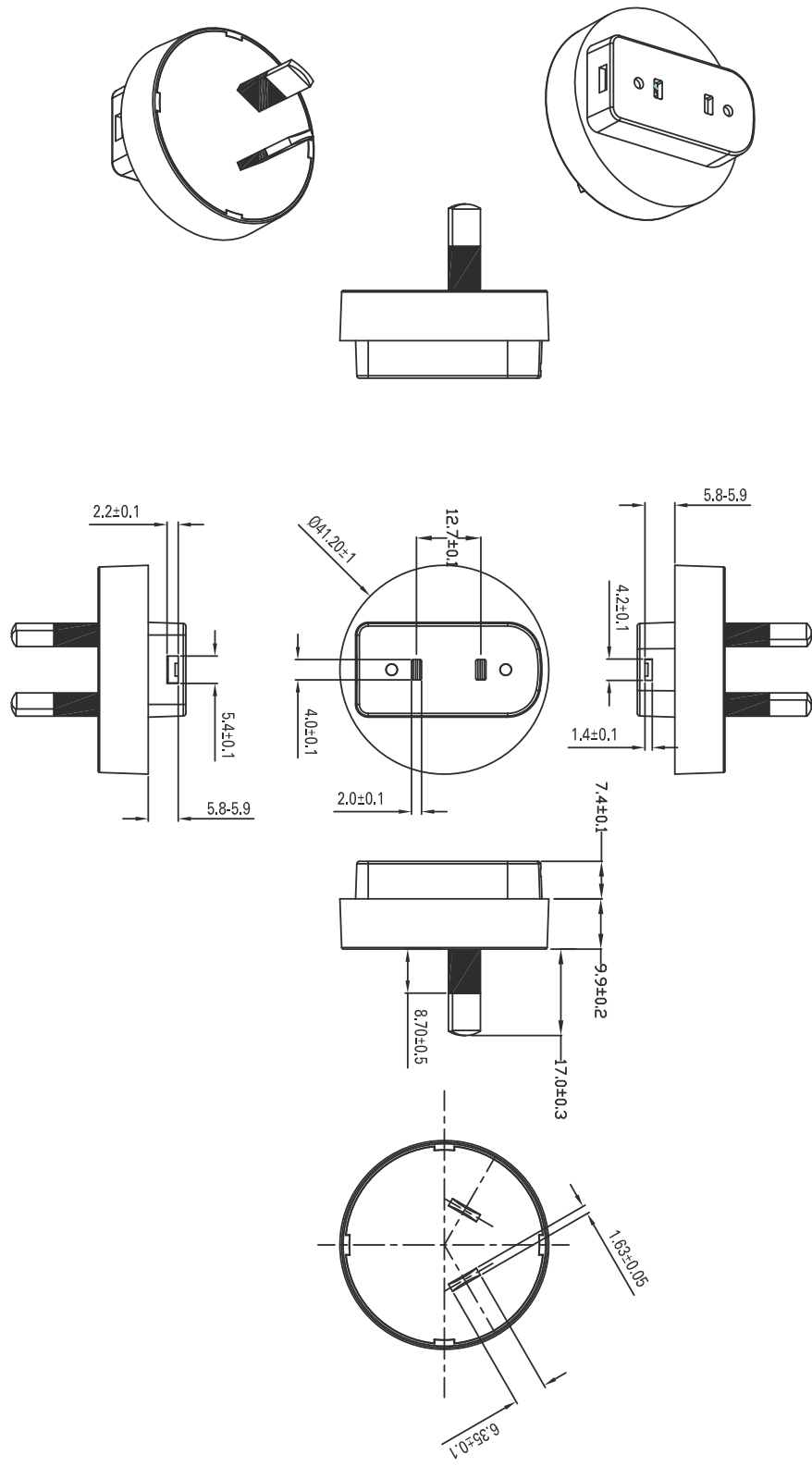
- 10.1 Dimensions: Please see the mechanical dimension drawing.
 10.2 Weight:101.8g

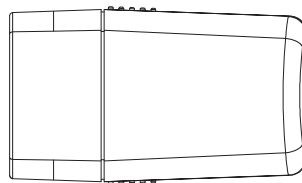
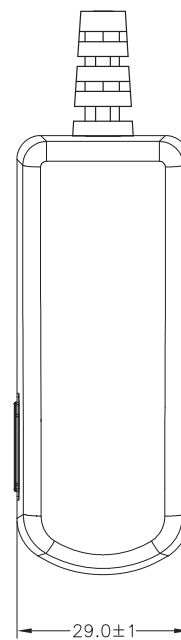
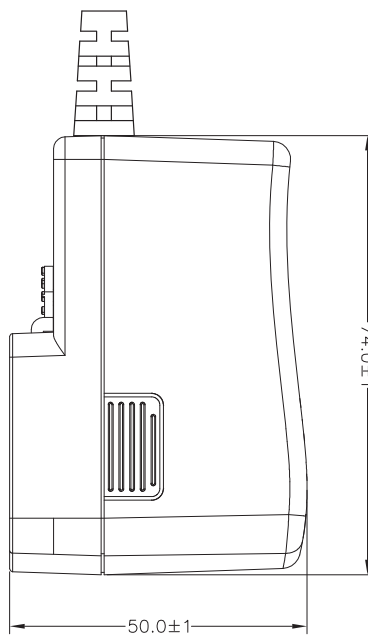
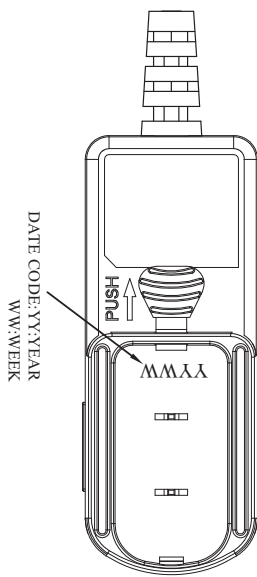
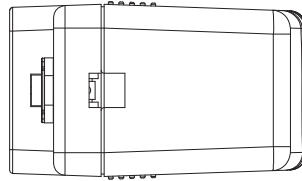
11. Mechanical Drawing



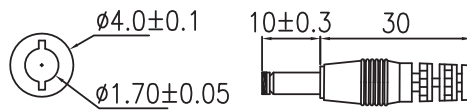
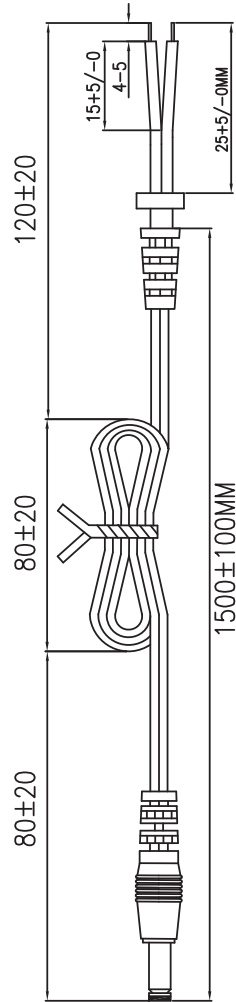








12. DC Plug and Cable



13. Rating Label

19.0+0/-0.2 mm

