



- NOTES:
1. OUTLINE DIMENSION : 205[8.07]±1.0[4.173]W±4.5[1.654]H
 2. IF CASE BY NOT PROCESS, THE TOLERANCE OF ALL DIMENSIONS MUST BE ENLARGED ±0.2 mm FOR CRP INSPECTION.
 3. OUTPUT CONNECTOR & PIN ASSIGNMENT:

PIN NUM	PIN CON	COLOR	WIRE SPEC.
1	+3.3V	ORANGE	UL1007 18AWG
2	+3.3V	ORANGE	UL1007 18AWG
3	GND	BLACK	UL1007 20AWG
4	+5V	RED	UL1007 18AWG
5	GND	BLACK	UL1007 22AWG
6	RE-GND	BLACK	UL1007 22AWG
7	+5V	RED	UL1007 18AWG
8	GND	BLACK	UL1007 20AWG
9	+5VSB	PURPLE	UL1007 18AWG
10	+12V	YELLOW	UL1007 18AWG
11	+12V	YELLOW	UL1007 18AWG
12	+3.3V	ORANGE	UL1007 18AWG
13	+3.3V	ORANGE	UL1007 18AWG
14	-12V	BLUE	UL1007 18AWG
15	GND	BLACK	UL1007 20AWG
16	GND	BLACK	UL1007 20AWG
17	GND	BLACK	UL1007 20AWG
18	GND	BLACK	UL1007 20AWG
19	GND	BLACK	UL1007 20AWG
20	+5V	RED	UL1007 18AWG
21	+5V	RED	UL1007 18AWG
22	+5V	RED	UL1007 18AWG
23	+5V	RED	UL1007 18AWG
24	GND	BLACK	UL1007 20AWG

PIN NUM	PIN CON	COLOR	WIRE SPEC.
1	+12V	YELLOW	UL1007 18AWG
2	GND	BLACK	UL1007 20AWG
3	GND	BLACK	UL1007 20AWG
4	+5V	RED	UL1007 18AWG

PIN NUM	PIN CON	COLOR	WIRE SPEC.
1	+12V	YELLOW	UL1007 18AWG
2	GND	BLACK	UL1007 20AWG
3	GND	BLACK	UL1007 20AWG
4	+12V	YELLOW	UL1007 22AWG

PIN NUM	PIN CON	COLOR	WIRE SPEC.
1	SB	GRN/WHT	UL1007 24AWG
2	SB	YEL/WHT	UL1007 24AWG
3	PL-ASLT	WHT	UL1007 24AWG
4	GND	BLACK	UL1007 22AWG
5	GND	BLACK	UL1007 22AWG

PIN NUM	PIN CON	COLOR	WIRE SPEC.
1	MUTE	BLU	24AWG
2	MUTE	RED	24AWG

RANGE	TOL.±	NCT	TOL
0 ~ <6(0.236)	0.20(0.008)	✓	0.20(0.008)
6(0.236) ~ <30(1.18)	0.25(0.010)	0.20(0.008)	0.25(0.010)
30(1.18) ~ <120(4.72)	0.30(0.012)	0.25(0.010)	0.30(0.012)
120(4.72) ~ <300(11.81)	0.45(0.018)	0.30(0.012)	0.45(0.018)
300(11.81) ~ <600(23.62)	0.60(0.024)	0.50(0.020)	0.60(0.024)
600(23.62) ~ <1200(47.24)	1.00(0.039)	0.80(0.031)	1.00(0.039)

REV.	DESCRIPTION	DATE
01	ORIGINAL RELEASE	03/24/16
02	ADD CABLE TIE FOR SIGNAL WIRE	04/06/16

善元科技股份有限公司
 SY POWER TECHNOLOGY(TAIWAN), INC.

TITLE/PART NAME: OUTLINE
 PART NO.: 9YR1500201
 MODEL: YH5151-1-FBR0A2D
 SCALE: 1:1 UNIT: mm[inch]
 SHEET 1 OF 1