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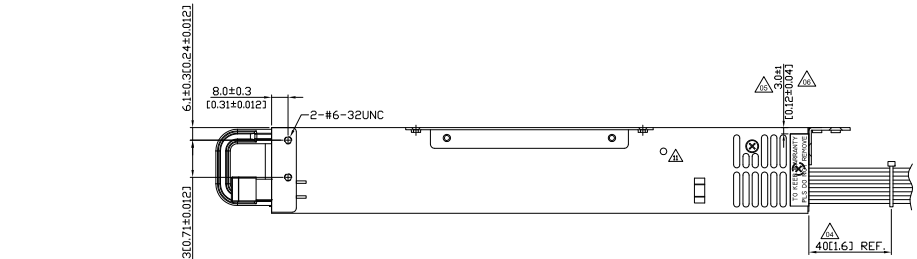

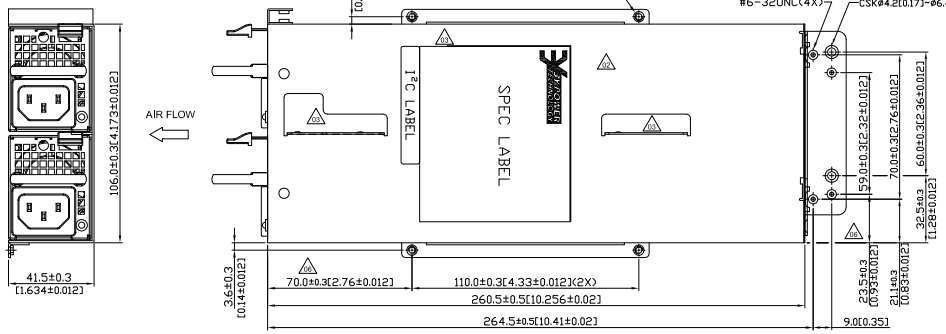

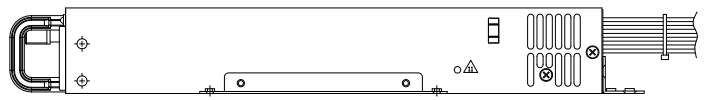

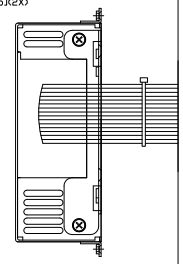

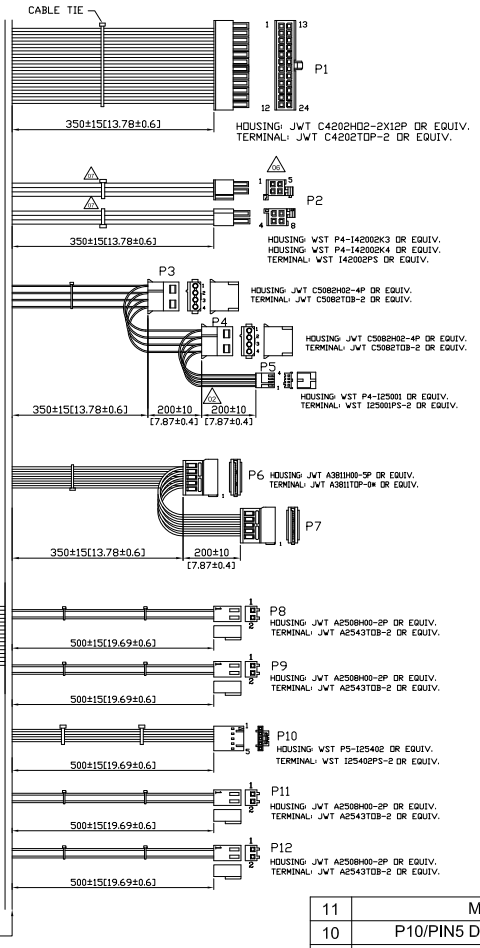

NOTES:
1. OUTLINE DIMENSION : 260.5[10.256]L*106[4.173]W*41.5[1.634]H
2. IF CASE BY NCT PROCESS, THE TOLERENCE OF ALL DIMENSIONS MUST BE ENLARGED ±0.2 mm FOR CPK INSPECTION.
3. OUTPUT CONNECTOR & PIN ASSIGNMENT:

	PIN NUM	PIN CON	COLOR	WIRE SPEC.
P1	1	+3.3V	ORANGE	UL1007 18AWG
		+3.3VS	ORANGE	UL1007 24AWG
	2	+3.3V	ORANGE	UL1007 18AWG
	3	GND	BLACK	UL1007 18AWG
	4	+5V	RED	UL1007 18AWG
		+5VS	RED	UL1007 24AWG
	5	GND	BLACK	UL1007 18AWG
		—	—	—
	6	+5V	RED	UL1007 18AWG
	7	GND	BLACK	UL1007 18AWG
	8	PWOK	GRAY	UL1007 24AWG
	9	+5VSB	PURPLE	UL1007 18AWG
	10	+12V	YELLOW	UL1007 18AWG
		+12VS	YELLOW	UL1007 24AWG
	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 18AWG
	16	PS-ON	GREEN	UL1007 24AWG
	17	GND	BLACK	UL1007 18AWG
	18	GND	BLACK	UL1007 18AWG
	19	GND	BLACK	UL1007 18AWG
	20	—	—	—
	21	+5V	RED	UL1007 18AWG
	22	+5V	RED	UL1007 18AWG
	23	+5V	RED	UL1007 18AWG
	24	GND	BLACK	UL1007 18AWG

	PIN NUM	PIN CON	COLOR	WIRE SPEC.
P2	1	GND	BLACK	UL1007 18AWG
	2	GND	BLACK	UL1007 18AWG
	3	GND	BLACK	UL1007 18AWG
	4	GND	BLACK	UL1007 18AWG
	5	+12V	YELLOW	UL1007 18AWG
	6	+12V	YELLOW	UL1007 18AWG
	7	+12V	YELLOW	UL1007 18AWG
	8	+12V	YELLOW	UL1007 18AWG

	PIN NUM	PIN CON	COLOR	WIRE SPEC.
P3	1	+12V	YELLOW	UL1007 18AWG
	2	GND	BLACK	UL1007 18AWG
	3	GND	BLACK	UL1007 18AWG
	4	+5V	RED	UL1007 18AWG

	PIN NUM	PIN CON	COLOR	WIRE SPEC.
P4	1	+12V	YELLOW	UL1007 18AWG
	2	GND	BLACK	UL1007 18AWG
	3	GND	BLACK	UL1007 18AWG
	4	+5V	RED	UL1007 18AWG

	PIN NUM	PIN CON	COLOR	WIRE SPEC.
P5	1	+5V	RED	UL1007 22AWG
	2	GND	BLACK	UL1007 22AWG
	3	GND	BLACK	UL1007 22AWG
	4	+12V	YELLOW	UL1007 22AWG

	PIN NUM	PIN CON	COLOR	WIRE SPEC.
P6	1	+12V	YELLOW	UL1007 18AWG
	2	GND	BLACK	UL1007 18AWG
	3	+5V	RED	UL1007 18AWG
	4	GND	BLACK	UL1007 18AWG
	5	+3.3V	ORANGE	UL1007 18AWG

	PIN NUM	PIN CON	COLOR	WIRE SPEC.
P7	1	+12V	YELLOW	UL1007 18AWG
	2	GND	BLACK	UL1007 18AWG
	3	+5V	RED	UL1007 18AWG
	4	GND	BLACK	UL1007 18AWG
	5	+3.3V	ORANGE	UL1007 18AWG

	PIN NUM	PIN CON	COLOR	WIRE SPEC.
P8	1	TTL2 SIGNAL (-)	BLACK	UL1007 24AWG
	2	TTL2 SIGNAL (+)	BLUE	UL1007 24AWG

	PIN NUM	PIN CON	COLOR	WIRE SPEC.
P9	1	ALARM (-)	BLACK	UL1007 24AWG
	2	ALARM (+)	ORANGE	UL1007 24AWG

	PIN NUM	PIN CON	COLOR	WIRE SPEC.
P10	1	SCL	GRN/WHT	UL1007 24AWG
	2	SDA	YEL/WHT	UL1007 24AWG
	3	PS_ALERT	WHITE	UL1007 24AWG
	4	GND	BLACK	UL1007 24AWG
	5	—	—	—

	PIN NUM	PIN CON	COLOR	WIRE SPEC.
P11	1	TTL SIGNAL (-)	BLACK	UL1007 24AWG
	2	TTL SIGNAL (+)	RED	UL1007 24AWG

	PIN NUM	PIN CON	COLOR	WIRE SPEC.
P12	1	MUTE (-)	BLACK	UL1007 24AWG
	2	MUTE (+)	YELLOW	UL1007 24AWG

REV.	DESCRIPTION	DATE
11	MODIFY DRAWING	03/18/15'
10	P10/PIN5 DEL, P8/P9/P11/P12 MODIFY	12/17/13'
09	ADD PART NO.	10/22/13'
08	DEL P1/PIN5 24AWG	10/07/13'
07	P2 CABLE TIE MODIFY.	07/08/13'
06	P2 PIN NUM MODIFY, ADD TOL.	04/30/13'
05	ADD LABEL	11/27/12'
01	ORIGINAL RELEASE	11/28/11'

MODEL NAME	PART NO.	DESIGNED	DATE
YH5301-1EAR(Y100Y1)	9YR3000601	Bowen	11/27/12'
YH5301-1ECR	9YR3000612	Bowen	10/22/13' ⚠

TOL.± / RANGE	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)
30(1.18) ~ <120(4.72)	0.30(0.012)	0.25(0.010)
120(4.72) ~ <300(11.81)	0.45(0.018)	0.30(0.012)
300(11.81) ~ <600(23.62)	0.60(0.024)	0.50(0.020)
600(23.62) ~ <1200(47.24)	1.00(0.039)	0.80(0.031)
ANG. TOL.	1°	

3Y POWER TECHNOLOGY 善元科技股份有限公司
3Y POWER TECHNOLOGY(TAIWAN), INC.

TITLE/PART NAME: OUTLINE		APPROVED	Andy Lu
PART NO.:	9YR3000600 (OAD11066797)	CHECKED	Vincent Tsai
MODEL:	YH5301-1EAR	DESIGNED	CK Huang
SCALE: 1:1	UNIT: mm[inch] THIRD ANGLE PROJECTION	SHEET	1 OF 1

發行時間:2015/3/20 4:35 下午
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