REV.	DESCRIPTION	DATE
		YYYY/MM/DD

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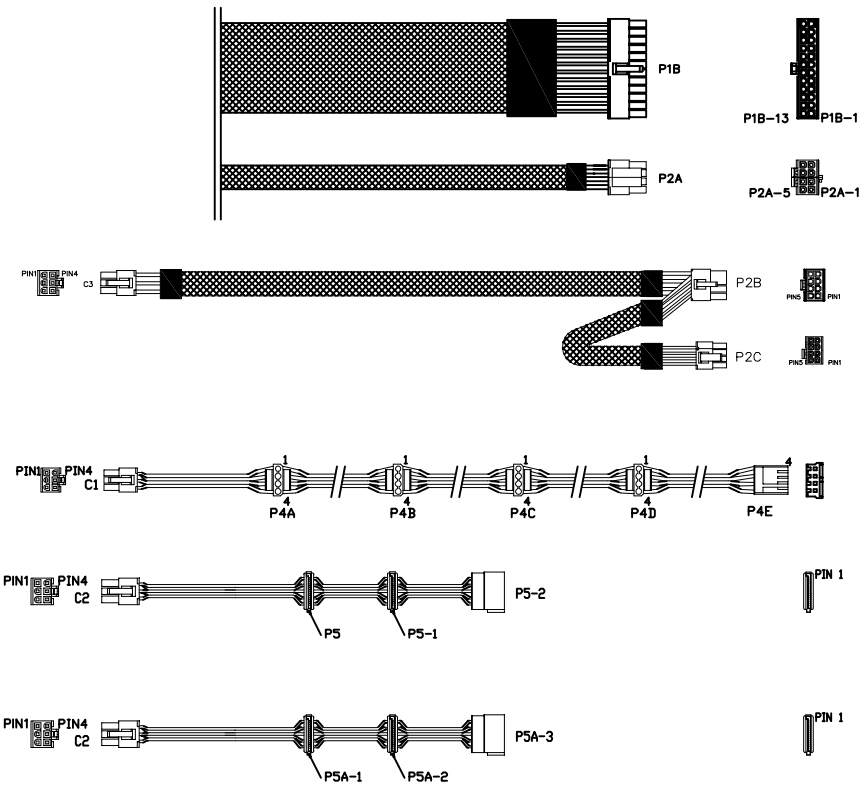

CONN	PIN	COLOR	OUTPUT	WIRE AWG	LENGTH
P1B	1	ORANGE	+3.3V	18	550±10
	2	ORANGE	+3.3V	18	
	3	BLACK	GND	18	
	4	RED	+5V	18	
	5	BLACK	GND	18	
	6	RED	+5V	18	
	7	BLACK	GND	18	
	8	GRAY	PG	20	
	9	PURPLE	+5VSB	18	
	10	YELLOW	+12V1	18	
	11	YELLOW	+12V1	18	
	12	ORANGE	+3.3V	18	
	13	ORANGE	+3.3V	18	
		ORANGE	+3.3Vs	22	
	14	BLUE	−12V	18	
	15	BLACK	GND	18	
	16	GREEN	PS−ON	20	
	17	BLACK	GND	18	
	18	BLACK	GND	18	
	19	BLACK	GND	18	
	20	NC	NC	18	
	21	RED	+5V	18	
		NC	NC	NC	
	22	RED	+5V	18	
	23	RED	+5V	18	
	24	BLACK	GND	18	
P2A	1	BLACK	GND	18	550±10
	2	BLACK	GND	18	
	3	BLACK	GND	18	
	4	BLACK	GND	18	
	5	YELLOW	+12V	18	
	6	YELLOW	+12V	18	
	7	YELLOW	+12V	18	
	8	YELLOW	+12V	18	
P2B	1	YELLOW	+12V	18	500±10
	2	YELLOW	+12V	18	
	3	YELLOW	+12V	18	
	4	BLACK	GND	18	
	5	BLACK	GND	18	
	6	BLACK	GND	18	
	7	BLACK	GND	18	
	8	BLACK	GND	18	
P2C	1	YELLOW	+12V	18	150±10
	2	YELLOW	+12V	18	
	3	YELLOW	+12V	18	
	4	BLACK	GND	18	
	5	BLACK	GND	18	
	6	BLACK	GND	18	
	7	BLACK	GND	18	
	8	BLACK	GND	18	
P4A	1	BLACK	+12V	18	500±10
	2	BLACK	GND	18	
	3	BLACK	GND	18	
	4	BLACK	+5V	18	
P4B P4C P4D	1	BLACK	+12V	18	150±10
	2	BLACK	GND	18	
	3	BLACK	GND	18	
	4	BLACK	+5V	18	
P4E	1	BLACK	+5V	20	150±10
	2	BLACK	GND	20	
	3	BLACK	GND	20	
	4	BLACK	+12V	20	
P5A P5A−1	1	BLACK	+3.3V	18	500±10
	2	BLACK	GND	18	
	3	BLACK	+5V	18	
	4	BLACK	GND	18	
	5	BLACK	+12V2	18	
P5−1 P5−2 P5A−1 P5A−2	1	BLACK	+3.3V	18	150±10
	2	BLACK	GND	18	
	3	BLACK	+5V	18	
	4	BLACK	GND	18	
	5	BLACK	+12V2	18	

REV.	Ⓐ	SCALE	1 : 1	UNIT	mm
GENERAL TOLERANCE		A		B	
0.0 ~ 5		± 0.2		± 0.1	
5.0 ~ 20		± 0.3		± 0.2	
20.0 ~ 50		± 0.5		± 0.3	
50.0 ~ 200		± 0.9		± 0.4	
200.0 ~		± 1.3		± 0.5	
ANGLE		± 3°		± 1°	

Tt® Thermaltake Technology Co., Ltd

DRAWING NAME	SMART POWER 450W		
PART NO.	SP-450MPCB		
DATE	APP.	CHK.	DRAW
2011/09/08			

6 5 4 3 2 1

G F E D C B A