

Temperature increase of main components: 主要部品温度上昇

Model: PMA30F

1. Conditions

- (1) Input :AC 85 ~ 264 [V]
- (2) Output :Rated output
- (3) Mounting method :Shown as Fig.1.1

2. Result

No.	Parts name	Symbol No.	Increase (ΔT)						Rated temp. [°C]	Reference
			[deg]							
			3.3V	5V	12V	15V	24V			
1	Line Filter	L130	41	68	62	58	66		130	
2	Rectifier(Input)	SS101	39	54	51	51	52		150	Junction Temp.
3	Input Capacitor	C102	22	31	31	30	26		105	
4	Electrolytic Capacitor	C109	25	29	24	26	30		105	
5	Power control IC	IC101	55	65	58	57	64		150	Junction Temp.
6	Output Transformer	T101	49	62	55	56	53		130	
7	Rectified Diode(Output)	SS501	80	73	67	60	49		150	Junction Temp.
8	Output Capacitor	C502	42	39	37	24	22		105	
9	Output Capacitor	C503	48	49	38	24	22		105	
10	Output Choke	L507	58	71	35	30	29		120	
11	Output Capacitor	C506	25	29	22	19	19		105	
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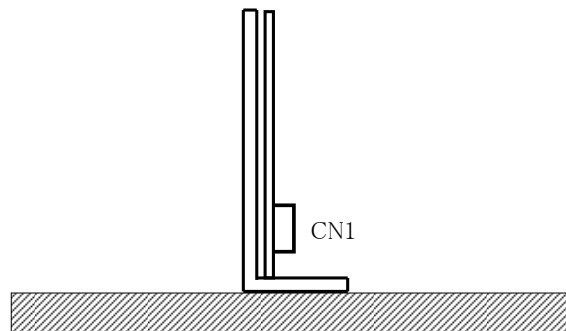


Fig.1.1 Mounting method (position A)

*All information presented herein are not guaranteed.
 *本資料は参考資料であり、その内容を保証するものではありません。