

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

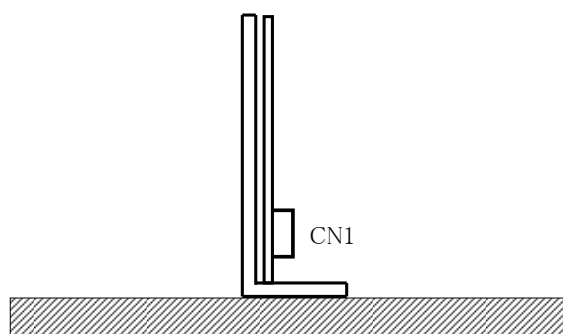
Model: PMA30F

## 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 ( $\Delta T$ )								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。