

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

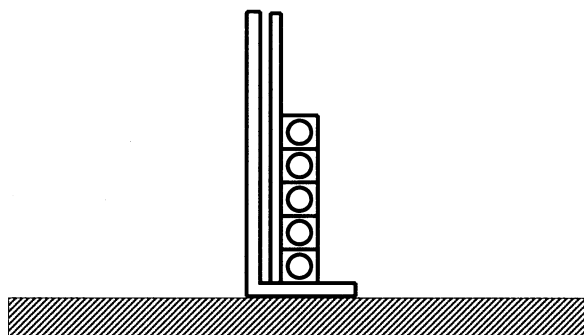
Model: PBA15F

## 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	9V	12V	15V	24V	48V		
1	Line Filter	L101	25	52	45	48	42	52	52	130	
2	Rectifier(Input)	SS101	28	42	44	42	40	45	43	150	Junction Temp.
3	Input Capacitor	C102	14	19	18	19	18	22	20	105	
4	Electrolytic Capacitor	C109	14	20	22	21	18	21	22	105	
5	Power control IC	IC101	35	57	61	64	49	65	58	150	Junction Temp.
6	Output Transformer	T101	27	42	40	46	32	40	30	130	
7	Output Diode	D502	58	73	68	58	43	52	44	150	Junction Temp.
8	Output Capacitor	C502	27	29	24	21	16	19	14	105	
9	Output Choke	L507	42	45	29	23	18	21	17	120	
10	Output Capacitor	C506	20	22	17	16	14	14	13	105	
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12											
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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。