

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

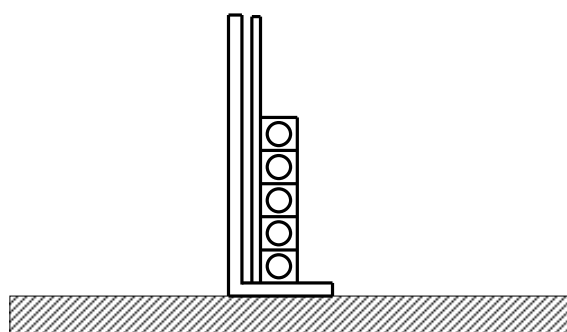
Model: PBA75F

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	9V	12V	15V	24V	36V	48V		
1	Line Filter	L101	37	48	48	48	48	48	48	48	130	
2	Rectifier(Input)	SS101	62	75	75	75	75	75	75	75	150	Junction Temp.
3	Choke Coil(Pfc)	L103	40	52	52	52	52	52	52	52	120	
4	Transistor(Pfc)	TR102	55	66	66	66	66	66	66	66	150	Junction Temp.
5	Rectified Diode(Pfc)	D102	49	58	58	58	58	58	58	58	150	Junction Temp.
6	Input Capacitor	C118	30	30	30	30	30	30	30	30	105	
7	Switching Transistor	TR201	53	68	68	68	68	68	68	68	150	Junction Temp.
8	Transformer	T201	44	50	48	47	47	48	44	44	130	
9	Rectified MOS-FET(Output)	TR502	58	56	-	-	-	-	-	-	150	Junction Temp.
10	Rectified Diode(Output)	SS502	-	-	76	74	56	55	48	47	150	Junction Temp.
11	Output Choke	L507	55	57	48	57	53	50	41	49	130	
12	Output Capacitor	C505	29	34	28	29	26	18	22	18	105	
13	Output Capacitor	C506	34	37	28	26	26	-	22	27	105	
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Fig.1.1 Mounting method
(A position)

※This is reference data and the value is not guaranteed.
 本内容は参考データであり、その内容を保証するものではありません。