

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

Model : LHA15F

1. Conditions

- (1) Input : AC 85 ~ 264 [V]
- (2) Output : Rated output *Derating is required at AC85~90[V] input.
- (3) Mounting method : Shown as Fig.1.1

2. Result

No.	Parts name	Symbol No.	Increase (ΔT) [deg]					Rated temp. [°C]	Reference
			3.3V	5V	12V	15V	24V		
1	Line filter	L101	33	60	60	56	62	130	
2	Rectifier (Input)	SS101	45	59	55	51	63	150	Junction Temp.
3	Capacitor (Input)	C201	20	24	26	21	21	105	
4	Transformer	T201	55	57	50	47	54	130	
5	Switching transistor	TR201	63	63	59	61	65	150	Junction Temp.
6	Output Diode	D501	73	74	56	65	46	150	Junction Temp.
7	Output Diode	D502	74	77	58	-	-	130	Junction Temp.
8	Choke coil (Output)	L501	58	63	46	35	36	130	
9	Capacitor (Output)	C511	29	31	24	21	19	105	
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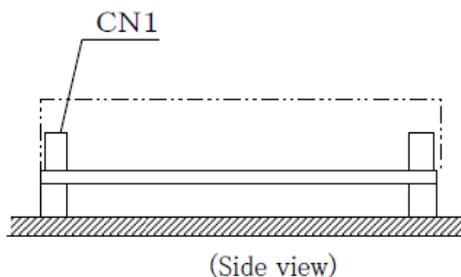


Fig.1.1 Mounting method (Normal position)

*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。

