

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

Model : LHA30F

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	39	58	60	59	57	130	
2	Rectifier (Input)	SS101	45	57	54	55	55	150	Junction Temp.
3	Capacitor (Input)	C201	23	26	29	28	27	105	
4	Transformer	T101	36	54	45	42	43	130	
5	Switching transisitor	TR201	40	62	65	66	52	150	Junction Temp.
6	Transisitor (Output)	TR501	52	74	-	-	-	175	Junction Temp.
7	Transisitor (Output)	TR501	-	-	57	45	35	150	Junction Temp.
8	Choke coil (Output)	L501	46	55	49	38	26	125	
9	Capacitor (Output)	C501	28	35	32	22	17	105	
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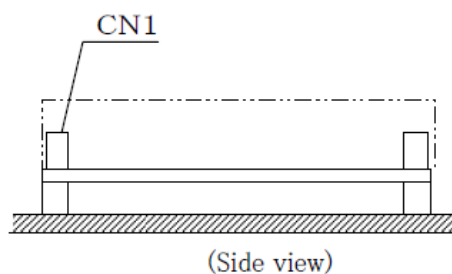


Fig.1.1 Mounting method
(Normal position)

*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。