

Date : May.20,2026

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

Model: PJA15F

1. Conditions

- (1) Input :85 ~ 264 [VAC]
 (2) Output :Rated output *Derating is required at 85-115[VAC] input.
 (3) Mounting method :As shown in Fig.1.1

2. Result

No.	Parts name	Symbol No.	Increase (ΔT)						Rated temp. [°C]	Reference
			[deg]							
			5V	12V	15V	24V				
1	Line Filter	L101	45.2	42.2	39.9	47.8			130	
2	Rectifier(Input)	SS101	36.4	34.9	33.1	35.5			150	Junction Temp.
3	Input Capacitor	C201	22.6	21.5	19.9	21.7			105	
4	Switching Transistor	TR201	55.3	54.7	50.4	59.7			150	Junction Temp.
5	Transformer	T201	50.4	45.4	42	47.1			130	
6	Rectifying Diode(Output)	SS501	71.4	56.6	48.2	48.7			150	Junction Temp.
7	Output Choke	L501	54.1	41.8	35.2	34.8			130	
8	Output Capacitor	C501	31.8	26.2	22.5	21.8			105	
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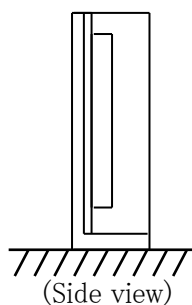


Fig.1.1 Mounting method
(Normal position)

*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。