

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

Model: PAA50F

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]						
			48V						
1	Rectifier(Input)	SS11	66				150	Junction Temp.	
2	Line Filter	L11	45				120		
3	Choke Coil	L21	40				120		
4	Input Capacitor	C22	34				105		
5	Switching Transistor	TR21	54				150	Junction Temp.	
6	Transformer	T21	58				130		
7	Transistor	TR22	71				175	Junction Temp.	
8	Rectified Diode(Output)	SS61	50				150	Junction Temp.	
9	Output Capacitor	C64	23				105		
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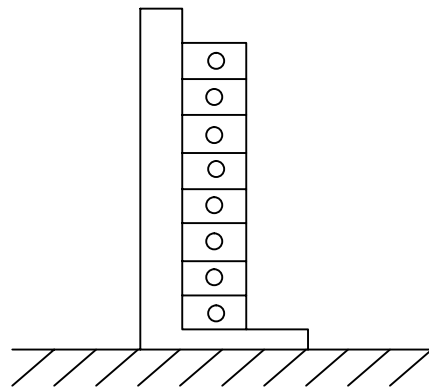


Fig.1.1 Mounting method (Normal position)