

Date : Mar.5,1999

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

Model : RMB50A

1. Conditions

- (1) Input : AC 85 ~ 132 [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]							
			-1	-2						
1	Line filter	L11	37	39					120	
2	Rectifier(Input)	SS11	59	60					150	Junction temp.
3	Switching transistor	FET11	47	47					150	Junction temp.
4	Transformer	T11	53	52					120	
5	Rectified diode(Output)	D51	46	42					150	Junction temp.
6	Rectified diode(Output)	SS71	64	48					150	Junction temp.
7	Voltage regulator	IC51	59	54					150	Junction temp.
8	Smooth reactor(Output)	L71	45	36					120	
9	Input capacitor	C14	26	23					105	
10	Output capacitor	C52	24	19					105	
11	Output capacitor	C72	25	20					105	
12										
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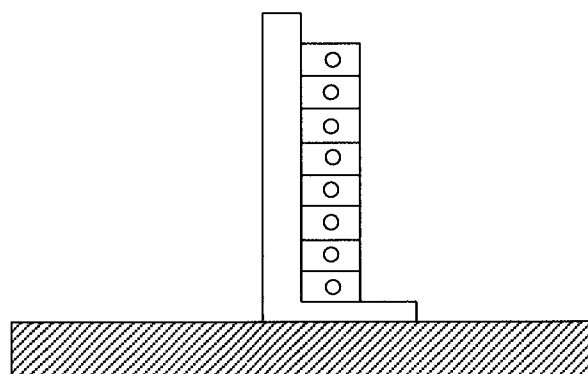


Fig.1.1 Mounting method
(Normal position)