

Date : Apr.9,1999

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

Model : RMC50A

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	45	46					120	
2	Rectifier(Input)	SS11	67	66					150	Junction temp.
3	Switching transistor	FET11	52	51					150	Junction temp.
4	Transformer	T11	47	51					120	
5	Rectified diode(Output)	SS51	61	62					150	Junction temp.
6	Rectified diode(Output)	D71	56	53					150	Junction temp.
7	Rectified diode(Output)	D76	35	36					150	Junction temp.
8	Voltage regulator	IC71	60	51					150	Junction temp.
9	Voltage regulator	IC72	65	67					150	Junction temp.
10	Input capacitor	C14	28	27					105	
11	Output capacitor	C53	29	32					105	
12	Output capacitor	C56	27	29					105	
13	Output capacitor	C72	29	30					105	
14	Output capacitor	C74	27	28					105	
15	Output capacitor	C75	26	27					105	
16	Output capacitor	C77	22	23					105	
17										
18										
19										
20										

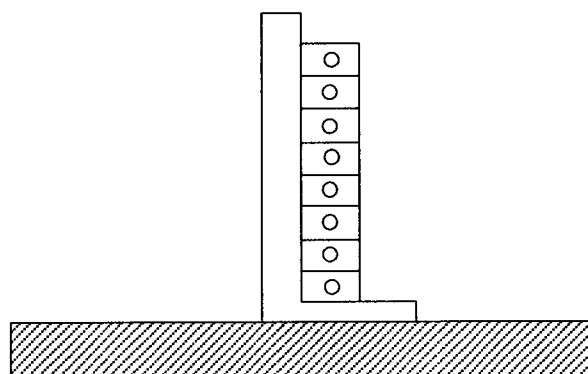


Fig.1.1 Mounting method
(Normal position)