

Date : Jun.11,1999

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

Model : RMC30A

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	41	38					120	
2	Rectifier(Input)	SS11	45	46					150	Junction temp.
3	Switching transistor	TR11	43	38					150	Junction temp.
4	Transformer	T11	54	48					120	
5	Rectified diode(Output)	SS51	47	50					150	Junction temp.
6	Rectified diode(Output)	D52	53	34					150	Junction temp.
7	Rectified diode(Output)	D54	30	31					150	Junction temp.
8	Voltage regulator	IC52	63	44					150	Junction temp.
9	Voltage regulator	IC53	52	46					150	Junction temp.
10	Smooth reactor(Output)	L51	27	41					120	
11	Input capacitor	C15	25	25					105	
12	Output capacitor	C52	29	27					105	
13	Output capacitor	C53	33	30					105	
14	Output capacitor	C57	35	34					105	
15	Output capacitor	C55	23	24					105	
16	Output capacitor	C58	30	21					105	
17	Output capacitor	C61	23	22					105	
18	Output capacitor	C60	20	21					105	
19	Output capacitor	C62	16	17					105	
20										

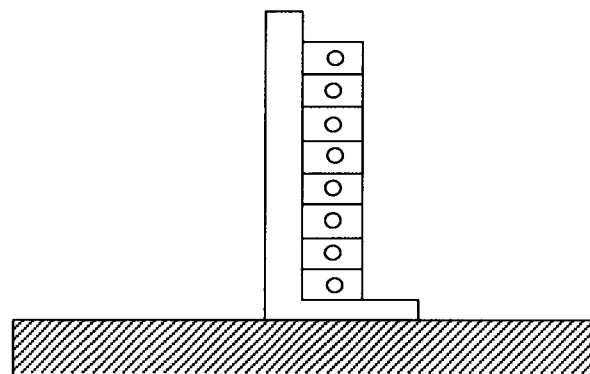


Fig.1.1 Mounting method
(Normal position)