

Date : Nov.5,1999

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

Model : RMC15A

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	30	30					120	
2	Rectifier(Input)	SS11	48	48					150	Junction temp.
3	Switching transistor	TR12	55	59					150	Junction temp.
4	Transformer	T11	46	46					120	
5	Rectified diode(Output)	D51	49	50					150	Junction temp.
6	Rectified diode(Output)	D52	49	50					150	Junction temp.
7	Voltage regulator	IC52	60	43					150	Junction temp.
8	Voltage regulator	IC53	52	40					150	Junction temp.
9	Smooth reactor(Output)	L51	32	31					120	
10	Input capacitor	C13	24	22					105	
11	Output capacitor	C51	33	32					105	
12	Output capacitor	C52	34	32					105	
13	Output capacitor	C53	21	20					105	
14	Output capacitor	C55	30	29					105	
15	Output capacitor	C56	30	27					105	
16	Output capacitor	C57	28	22					105	
17	Output capacitor	C58	20	19					105	
18	Output capacitor	C59	18	16					105	
19										
20										

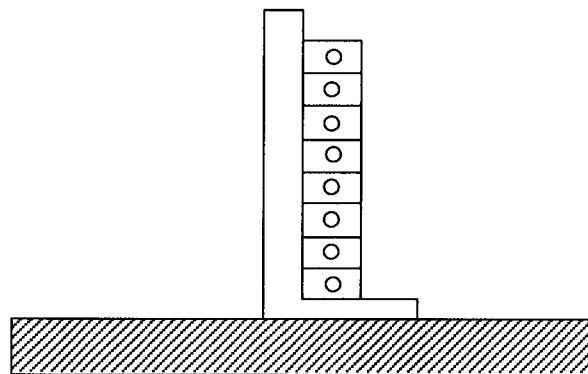


Fig.1.1 Mounting method
(Normal position)