

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 ( $\Delta T$ )				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								

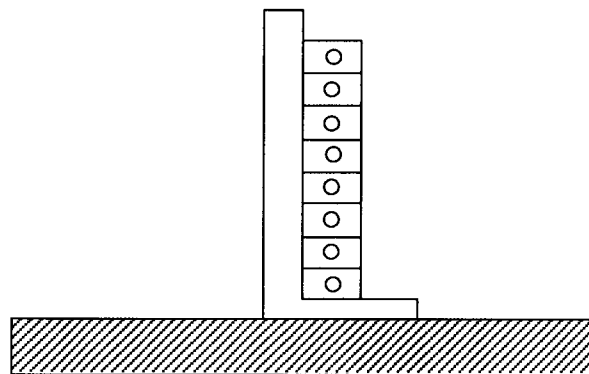


Fig. 1.1 Mounting method  
(Normal position)