

Date : Feb.26,1999

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

Model : MMB50A

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	-3	-4	-5	-6		
1	Line filter	L101	37	35	37	34	35	35	120	
2	Rectifier(Input)	SS101	65	65	54	58	58	59	150	Junction temp.
3	Switching transistor	TR302	55	65	43	37	46	48	150	Junction temp.
4	Switching transistor	TR402	43	40	44	39	43	39	150	Junction temp.
5	Transformer	T301	33	40	36	41	54	49	120	
6	Transformer	T401	56	33	44	38	34	40	120	
7	Rectified diode(Output)	SS501	56	63	46	46	58	50	150	Junction temp.
8	Rectified diode(Output)	SS601	65	57	48	48	46	45	150	Junction temp.
9	Smooth reactor(Output)	L501	22	36	20	17	19	14	120	
10	Smooth reactor(Output)	L601	21	20	15	17	14	16	120	
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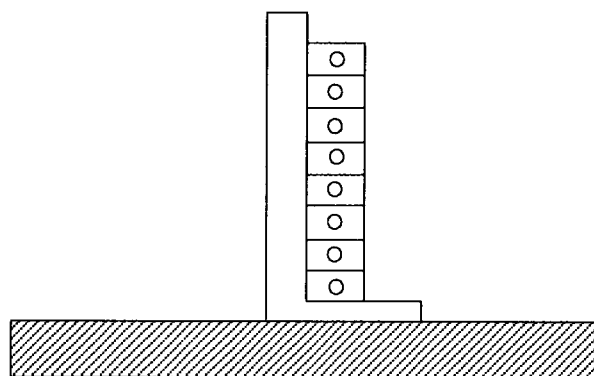


Fig.1.1 Mounting method
(Normal position)