

Date : Aug.3,1999

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

Model : MMC50A

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	-3	-4			
1	Line filter	L1	37	37	34	38		120	
2	Rectifier(Input)	SS1	56	62	54	59		150	Junction temp.
3	Switching transistor	TR1	41	45	39	43		150	Junction temp.
4	Transformer	T1	54	52	52	56		120	
5	Rectified diode(Output)	SS51	52	52	49	57		150	Junction temp.
6	Rectified diode(Output)	SS52	58	58	55	55		150	Junction temp.
7	Rectified diode(Output)	D51	45	43	43	41		150	Junction temp.
8	Smooth reactor(Output)	L51	41	45	41	53		120	
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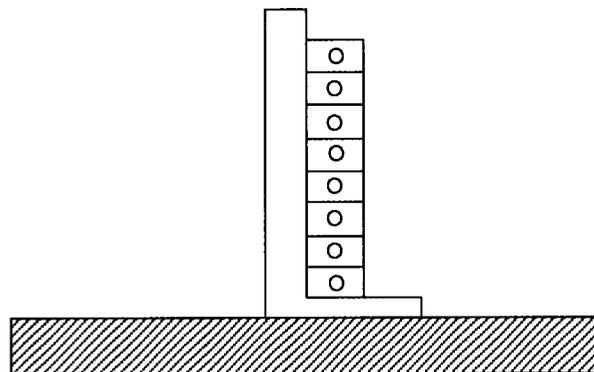


Fig.1.1 Mounting method  
(Normal position)