

Date : Apr.12,1999

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

Model : MMC 8 A

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					
1	Line filter	L1	49	46	44				120	
2	Rectifier(Input)	SS1	38	37	35				150	Junction temp.
3	Input capacitor	C3	15	13	14				105	
4	Switching transistor	TR2	50	48	48				150	Junction temp.
5	Transformer	T1	34	33	31				120	
6	Rectified diode(Output)	D5	48	42	47				150	Junction temp.
7	Smooth reactor(Output)	L2	41	38	41				120	
8	Voltage regulator	IC2	55	50	49				150	Junction temp.
9	Voltage regulator	IC3	53	46	42				150	Junction temp.
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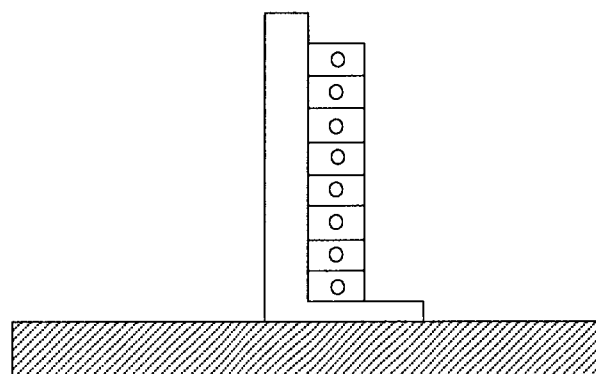


Fig.1.1 Mounting method
(Normal position)