

Date : Apr.16,2003

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

Model: R50A

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]							
			3V	9V	18V					
1	Line Filter	L11	41	41	45				120	
2	Rectifier(Input)	SS11	51	47	56				150	Junction Temp.
3	Input Capacitor	C14	31	30	31				105	
4	Switching Transistor	TR21	54	49	56				150	Junction Temp.
5	Capacitor(Control Circuit)	C23	30	23	24				105	
6	Transformer	T11	49	49	47				120	
7	Rectified Diode(Output)	SS51	64	54	51				125	Junction Temp.
8	Output Capacitor	C53	30	27	19				105	
9	Output Capacitor	C54	28	26	18				105	
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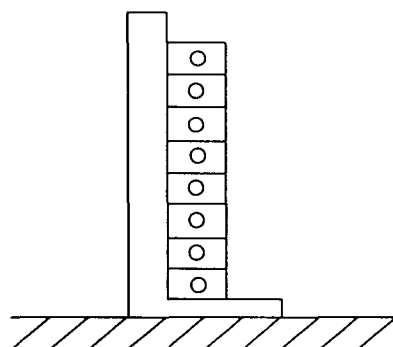


Fig.1.1 Mounting method
(Normal position)