

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

Model : R25A

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 ( $\Delta T$ ) [deg]				Rated temp. [°C]	Reference
			-5	-12	-15	-24		
1	Line filter	L11	54	53	51	50	120	
2	Rectifier(Input)	SS11	50	47	54	16	145	Junction temp.
3	Switching transistor	TR12	44	49	53	50	150	Junction temp.
4	Transformer	T11	37	43	41	43	120	
5	Output choke	L51	40	18	15	16	120	
6	Rectified diode(Output)	SS51	64	57	54	-	150	Junction temp.
7	Rectified diode(Output)	D53	-	-	-	56	150	Junction temp.
8	Input capacitor	C12	24	22	24	21	105	
9	Output capacitor	C52	31	21	21	22	105	
10	Output capacitor	C53	28	17	15	16	105	
11	Output capacitor	C54	28	16	16	-	105	
12	Output capacitor	C59	20	11	11	11	105	
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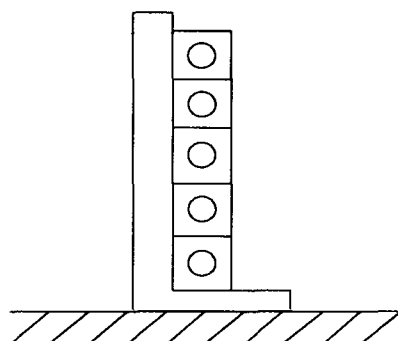


Fig.1.1 Mounting method (Normal position)