

Date : Apr.27,1999

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

Model : YS15A

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]					
			5V	12V				
1	Line filter	L1	49	49			120	
2	Input capacitor	C3	34	34			105	
3	Rectifier(Input)	SS1	48	48			150	Junction temp.
4	Transformer	T1	53	47			120	
5	Switching transistor	TR3	58	52			150	Junction temp.
6	Ttransistor	TR1	45	45			150	Junction temp.
7	Rectified diode(Output)	SS2	59	48			150	Junction temp.
8	Output choke	L2	45	35			120	
9	Output capacitor	C19	45	35			125	
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

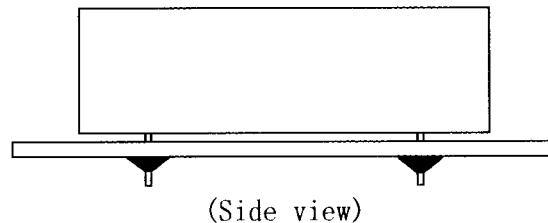


Fig.1.1 Mounting method
(Normal position)