

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

Model: GT5

1. Conditions

- (1) Input :AC 90 ~ 110 [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]							
			5V	12V	15V	24V				
1	Rectifier(Main-Input)	SS1	61	67	55	51			150	Junction Temp.
2	Rectifier(Sub-Input)	SS21	33	30	26	27			150	Junction Temp.
3	Transformer	T1	57	51	52	55			120	
4	Input Capacitor(Main)	C2	37	33	26	28			105	
5	Input Capacitor(Sub)	C21	31	27	23	25			105	
6	Fet(Main)	TR1	69	67	69	64			150	Junction Temp.
7	Transistor(Sub)	TR21	27	28	25	27			150	Junction Temp.
8	Voltage Regulator	IC21	23	25	21	23			150	Junction Temp.
9	Power Control Ic	IC22	39	40	37	39			150	Junction Temp.
10	Output Capacitor	C12	25	26	19	21			105	
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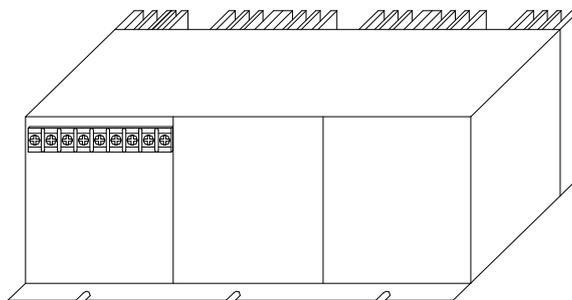


Fig.1.1 Mounting method (Normal position)

\*All information presented herein are not guaranteed.  
 \*本資料は参考資料であり、その内容を保証するものではありません。