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

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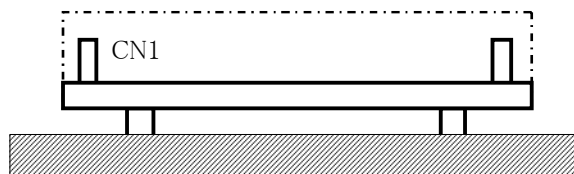
Model: LGA150A

## 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 ( $\Delta T$ )						Rated temp. [°C]	Reference
			[deg]							
			3.3V	15V	48V					
1	Line Filter	L101	34	56	57				120	
2	Rectifier(Input)	SS101	52	77	74				150	Junction Temp.
3	Thyristor	SCR101	51	68	71				125	Junction Temp.
4	Input Capacitor	C111	31	34	35				105	
5	Input Capacitor	C112	37	43	43				105	
6	Input Capacitor	C113	32	43	43				105	
7	Input Capacitor	C114	28	26	30				105	
8	Transformer	T101	54	50	55				130	
9	Switching Transistor	TR201	61	75	78				150	Junction Temp.
10	Rectified Diode(Output)	SS501	75	60	50				150	Junction Temp.
11	Output Choke	L507	65	44	43				130	
12	Output Capacitor	C506	38	29	15				105	
13	Output Capacitor	C507	42	24	20				105	
14	Output Capacitor	C508	49	19	19				105	
15										
16										
17										
18										
19										
20										



(Side view)

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。