

Date : Feb.21,2000

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

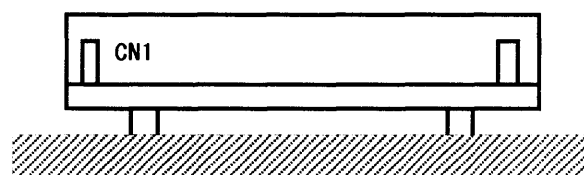
Model : LCA150S

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	15V	24V				
1	Line Filter	L11	64	63	59	57			120	
2	Rectifier(Input)	SS11	87	86	86	86			150	Junction Temp.
3	Input Capacitor	C14	27	29	31	29			105	
4	Input Capacitor	C15	26	24	23	23			105	
5	Switching Transistor	TR21	79	80	74	78			150	Junction Temp.
6	Transformer	T11	61	47	52	40			120	
7	Rectified Diode(Output)	SS51	86	66	60	47			150	Junction Temp.
8	Rectified Diode(Output)	SS52	86	65	60	47			150	Junction Temp.
9	Rectified Diode(Output)	SS53	84	65	61	-			150	Junction Temp.
10	Output Choke	L51	68	51	44	38			120	
11	Output Capacitor	C53	43	30	28	21			105	
12	Output Capacitor	C54	36	26	24	21			105	
13	Output Capacitor	C55	26	22	19	18			105	
14										
15										
16										
17										
18										
19										
20										



(Side view)

Fig.1.1 Mounting method
(Normal position)