

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

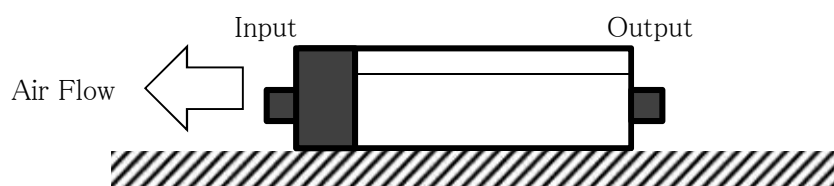
Model: GHA500F-SNF

1. Conditions

- (1) Input :AC 90 ~ 264 [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]							
			12V	15V	24V	30V	48V	56V		
1	Line Filter	L101	37	44	57	49	45	52	130	
2	Rectifier(Input)	SS11	57	68	72	59	74	68	150	Junction Temp.
3	Choke Coil(Pfc)	L11	38	42	43	41	33	40	130	
4	Input Capacitor	C106	14	11	12	11	9	11	105	
5	Rectified Diode(Pfc)	SS12	33	27	33	30	36	32	150	Junction Temp.
6	Transistor(Pfc)	TR11	26	24	26	24	30	26	150	Junction Temp.
7	Switching Transistor	TR21	25	23	26	22	31	26	150	Junction Temp.
8	Transformer	T11	76	70	75	52	70	61	155	
9	Rectified Transistor(Output)	TR54	32	28	24	27	-	-	150	Junction Temp.
10	Rectified Diode(Output)	D54	-	-	-	-	33	28	150	Junction Temp.
11	Output Choke	L51	41	41	68	69	54	45	150	
12	Output Capacitor	C506	9	8	7	4	12	10	105	
13	Output Capacitor	C508	13	10	8	8	10	9	125	
14										
15										
16										
17										
18										
19										
20										



(Side view)

Fig.1.1 Mounting method