

Ttemperature increase of main components

Model: BRNS12

1. Conditions

- (1) Input :DC 12 [V]
 (2) Output :Rated output
 (3) Air flow : 1 [m/s]
 (4) Mounting method :Shown as Fig.1.1

2. Result

Table 2.1 Temperature increase of main components

Table 2-11 Temperature increase of main components										
No.	Parts name	Symbol No.	Increase (ΔT)						Rated temp. [°C]	Reference
			[deg]							
1	High Side Fet	TR11	31						150	Junction Temp.
2	Low Side Fet	TR12	35						150	Junction Temp.
3	Power Control Ic	IC41	29						150	Junction Temp.
4	Output Choke(Coil)	L11	33						125	
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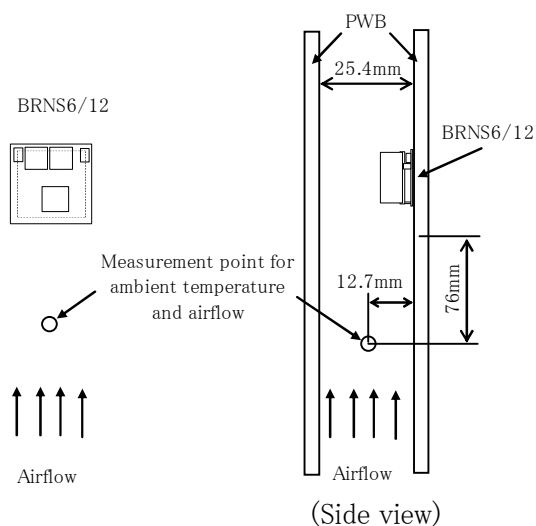


Fig.1.1 Mounting method