

Temperature increase of main components

Model: BRNS6

## 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

No.	Parts name	Symbol No.	Increase ( $\Delta T$ )						Rated temp. [°C]	Reference
			[deg]							
1	High Side Fet	TR11	14						150	Junction Temp.
2	Low Side Fet	TR12	16						150	Junction Temp.
3	Power Control Ic	IC41	16						150	Junction Temp.
4	Output Choke(Coil)	L11	14						125	
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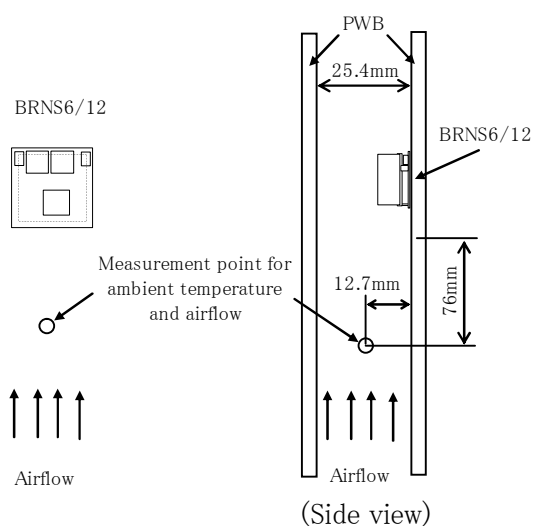


Fig.1.1 Mounting method