

Ttemperature increase of main components

Model: BRNS20

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 (ΔT)						Rated temp. [°C]	Reference
			[deg]							
1	High Side Fet	TR11	53						150	Junction Temp.
2	Low Side Fet	TR12	53						150	Junction Temp.
3	Power Control Ic	IC41	41						150	Junction Temp.
4	Output Choke(Coil)	L11	42						125	
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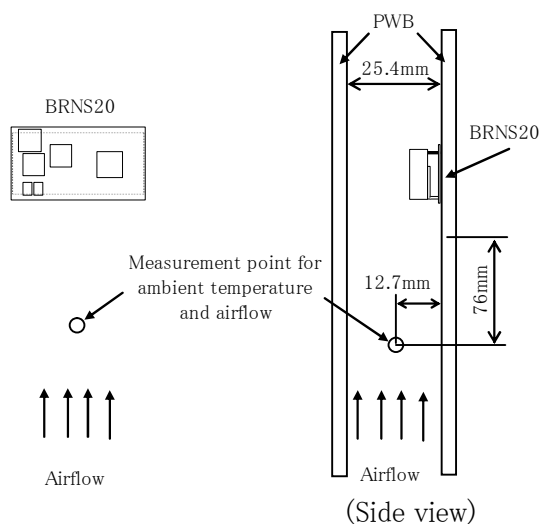


Fig.1.1 Mounting method