COSEL

Date： Feb.13,2013

Temperature increase of main components

Model: STMGF□1524□□

1. Conditions

(1) Input :DC 9 ～ 36 [V]
(2) Output :Rated output
(3) Cooling method :Convection cooling
(4) Mounting method :Shown as Fig.1.1

2. Result

Table 2.1 Temperature increase of main components

No.	Parts name	Symbol No.	Increase (△T) [deg]							Rated temp. [℃]	Reference
			3.3V	5V	12V	15V	±5V	±12V	±15V		
1	Input Choke Coil	L11	31	38	35	34	37	34	34	120	
2	Input Capacitor	C19	20	19	19	18	23	19	18	105	
3	DC-DC converter (Case)	PS1	32	44	34	34	45	34	34	105	
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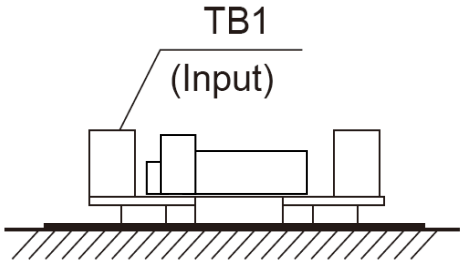

(Side view)

Fig.1.1 Mounting method
(Normal position)

COSEL

Date : Feb.13,2013

Temperature increase of main components

Model: STMGF□1548□□

1. Conditions

(1) Input :DC 18 ～ 76 [V]
(2) Output :Rated output
(3) Cooling method :Convection cooling
(4) Mounting method :Shown as Fig.1.1

2. Result

Table 2.1 Temperature increase of main components

No.	Parts name	Symbol No.	Increase (△T) [deg]							Rated temp. [℃]	Reference
			3.3V	5V	12V	15V	±5V	±12V	±15V		
1	Input Choke Coil	L11	18	24	17	24	31	31	26	120	
2	Input Capacitor	C19	21	16	16	15	21	17	16	105	
3	DC-DC converter (Case)	PS1	37	38	34	32	45	36	34	105	
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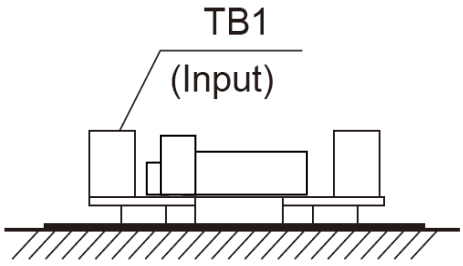

(Side view)

Fig.1.1 Mounting method
(Normal position)