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Cosel.co.,ltd.

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

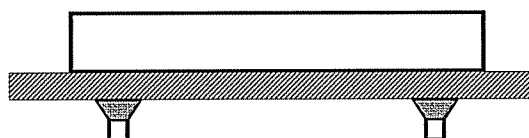
Model: ZUS2505/ZUW2505

## 1. Conditions

- (1) Input :DC 4.5 ~ 9 [V]  
 (2) Output :Rated output  
 (3) Mounting method :Shown as Fig.1.1

## 2. Result

No.	Parts name	Symbol No.	Increase ( $\Delta T$ )					Rated temp. [°C]	Reference
			[deg]						
			5V	12V	$\pm 12V$	$\pm 15V$			
1	Transformer	T12	50	56	53	52		120	
2	Switching Transistor	TR16	54	65	53	51		150	Junction Temp.
3	Rectified Diode(Output)	SS71	47	55	47	45		150	Junction Temp.
4	Power Control Ic	IC11	38	40	44	42		125	Junction Temp.
5	Photocoupler	PC11	38	40	37	37		125	Junction Temp.
6	Output Choke	L71	38	44	41	41		120	
7	Output Capacitor	C74	35	39	–	–		125	
8	Output Capacitor	C74,C80	–	–	40	38		125	
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(Side view)

Fig.1.1 Mounting method  
(Normal position)