

## Features:

- Smallest encapsulated 15 W Converter
- 1" x 1" x 0.4" mm metal package
- Ultra-Wide 4:1 input voltage range
- Very high efficiency up to 87%
- Operating temperature range -40 °C to +85 °C
- I/O isolation 1500 VDC
- Short circuit protection
- Remote On/Off
- Adjustable output voltage
- Industry Standard Pinout
- 3-year product warranty



## Specifications:

Isolation	1500 VDC Input to Output
Operating Temperature	-40 ~ +85°C (Derate 2.5% per °C above 65°C)
Storage Temperature	-55 ~ +125°C
Set-Point Accuracy	±1%
Ripple / Noise	<100mV pk-pk (max) (20MHz BW)
Regulation	Line ±0.5% , Load ±0.2% Singles / 1% Duals
Voltage Adjust Range	±10%
OverCurrent Protection	110-140% of rated current, foldback
Status & Control	Remote On/Off Control
Weight	15g
Options	n/a
Emissions	EN55022 Level A, FCC Part 15 Level A
Safety Standards	<ul style="list-style-type: none"> <li>• UL/cUL 60950-1</li> <li>• IEC/EN60950-1</li> </ul>

## Models

## Input

## Output

THN15-2410WI	9~36V	3.3V	4.00A		
THN15-2411WI	9~36V	5.0V	3.00A		
THN15-2412WI	9~36V	12V	1.30A		
THN15-2413WI	9~36V	15V	1.00A		
THN15-2421WI	9~36V	+5.0V	1.50A	-5.0V	1.50A
THN15-2422WI	9~36V	+12V	0.625A	-12V	0.625A
THN15-2423WI	9~36V	+15V	0.50A	-15V	0.50A
THN15-4810WI	18~75V	3.3V	4.00A		
THN15-4811WI	18~75V	5.0V	3.00A		
THN15-4812WI	18~75V	12V	1.30A		
THN15-4813WI	18~75V	15V	1.00A		
THN15-4821WI	18~75V	+5.0V	1.50A	-5.0V	1.50A
THN15-4822WI	18~75V	+12V	0.625A	-12V	0.625A
THN15-4823WI	18~75V	+15V	0.50A	-15V	0.50A

## Download Information:

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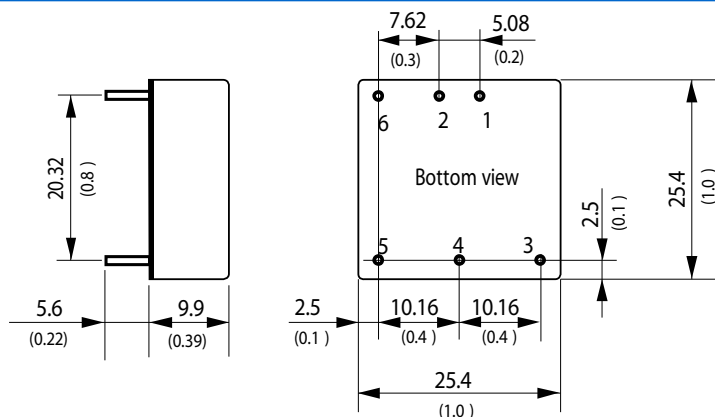
<http://www.powergatellc.com/pdfs/THN15WI.pdf>

Detailed Spec:

<http://www.tracopower.com/products/thn15wi.pdf>

## Mechanical Specification:

Specifications are subject to change without notice. If RoHS compliant products are required, please specify clearly on your Purchase Order



Pin-Out		
Pin	Single	Dual
1	+Vin (Vcc)	+Vin (Vcc)
2	-Vin (GND)	-Vin (GND)
3	+ Vout	+ Vout
4	Trim	Common
5	-Vout	-Vout
6	Remote On/Cff	

Dimensions in [mm], ( ) = Inch  
 Pin diameter  $\varnothing$  1.0 (0.04)  
 Pin pitch tolerances:  $\pm$ 0.35 (0.014)  
 Tolerances:  $\pm$ 0.5 (0.02)