

# THL-10WI Series ▶ 10 W



- ▶ 1" x 1" x 0.4" metal package
- ▶ Ultra wide 4:1 input voltage range
- ▶ High efficiency up to 87%
- ▶ I/O isolation 1500 VDC
- ▶ Input filter to meet EN 55022, class A
- ▶ Short circuit protection
- ▶ Remote On/Off
- ▶ Industry standard pinout

Full datasheet in progress !



**NEW**  
Product

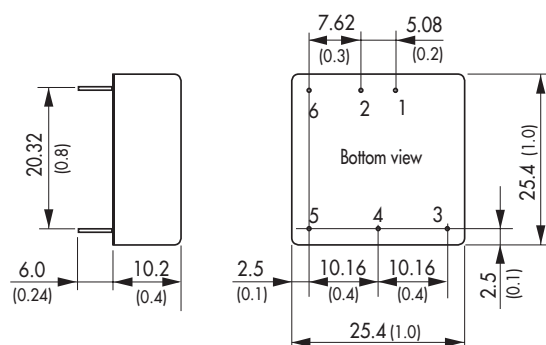
## Specifications

|                             |  |
|-----------------------------|--|
| Line regulation             | 1% max.  |
| Load regulation             | - Single output models: 1.0% max.<br>- Dual output models: 2.0% max. |
| Ripple & noise              | <100 mVpk-pk (20 MHz BW)   |
| Conducted EMI               | EN 55022, class A and FCC, level A (internal filter)                 |
| Short circuit protection    | continuous, automatic recovery                                       |
| Efficiency                  | 86% typ.   |
| Operating temperature range | -40 °C to +75 °C<br>above 60°C derating 2.5%/K                       |
| I/O isolation test voltage  | 1500 VDC   |
| Safety standards            | cUL/UL 60950-1, IEC/EN 60950-1                                       |
| Casing                      | metal, with insulated baseplate                                      |
| Remote On/Off               | shutdown input for low current (10 mA)<br>in standby operation       |

## Models

| Order code    | Input voltage | Output voltage | Output current max. |
|---------------|---------------|----------------|---------------------|
| THL 10-2410WI |               | 3.3 VDC        | 2200 mA             |
| THL 10-2411WI |               | 5.1 VDC        | 2000 mA             |
| THL 10-2412WI |               | 12 VDC         | 830 mA              |
| THL 10-2413WI | 9 – 36VDC     | 15 VDC         | 660 mA              |
| THL 10-2421WI |               | ± 5 VDC        | ± 1000 mA           |
| THL 10-2422WI |               | ± 12 VDC       | ± 410 mA            |
| THL 10-2423WI |               | ± 15 VDC       | ± 330 mA            |
| THL 10-4810WI |               | 3.3 VDC        | 2200 mA             |
| THL 10-4811WI |               | 5.1 VDC        | 2000 mA             |
| THL 10-4812WI |               | 12 VDC         | 830 mA              |
| THL 10-4813WI | 18 – 75VDC    | 15 VDC         | 660 mA              |
| THL 10-4821WI |               | ± 5 VDC        | ± 1000 mA           |
| THL 10-4822WI |               | ± 12 VDC       | ± 410 mA            |
| THL 10-4823WI |               | ± 15 VDC       | ± 330 mA            |

## Dimensions



| Pin | Single output | Dual output   |
|-----|---------------|---------------|
| 1   | + Vin (Vcc)   | + Vin (Vcc)   |
| 2   | - Vin (GND)   | - Vin (GND)   |
| 3   | + Vout        | + Vout        |
| 4   | No pin        | Common        |
| 5   | - Vout        | - Vout        |
| 6   | Remote On/Off | Remote On/Off |

() = Inches