

**Features:**



- DIP-24 metal package
- High power density
- Wide 2:1 input range
- Very high efficiency up to 87 %
- Operating temperature range -40 °C to +75 °C
- I/O isolation 1500 VDC
- Short circuit protection
- Input filter to meet EN 55022, class A
- Industry standard pinout
- 3 Year Warranty

**Specifications:**

Isolation	1500 VDC Input to Output
Operating Temperature	-40 ~ +75°C (Derate 3% per °C above 60°C)
Storage Temperature	-55 ~ +125°C
Set-Point Accuracy	±1.2%
Ripple / Noise	<85mV pk-pk max (20MHz BW)
Regulation	Line ±1% , Load ±1.2% Singles / 1.5% for 2.5V Models
Voltage Adjust Range	Fixed
OverCurrent Protection	Continuous short circuit protection, auto-recovery
Status & Control	n/a
Weight	17.3g
Options	n/a
Emissions	EN55022 Level A, FCC Part 15 Level A
Safety Standards	<ul style="list-style-type: none"> <li>• CSA/UL 60950-1</li> <li>• CB Report (IEC/EN60950-1)</li> </ul>



Models	Input	Output
THD10-1210	9-18V	3.3V 3000mA
THD10-1211	9-18V	5.1V 2000mA
THD10-1212	9-18V	12V 830mA
THD10-1222	9-18V	+12V 415mA
THD10-1223	9-18V	+15V 330mA
THD10-2409	18-36V	2.5 3000mA
THD10-2410	18-36V	3.3 3000mA
THD10-2411	18-36V	5.1 2'000mA
THD10-2412	18-36V	12 835mA
THD10-2422	18-36V	+12V 415mA
THD10-2423	18-36V	+15V 330mA
THD10-4809	36-75V	2.5 3'000mA
THD10-4810	36-75V	3.3 3'000mA
THD10-4811	36-75V	5.1 2'000mA
THD10-4812	36-75V	12 835mA
THD10-4822	36-75V	+12V 415mA
THD10-4823	36-75V	+15V 330mA

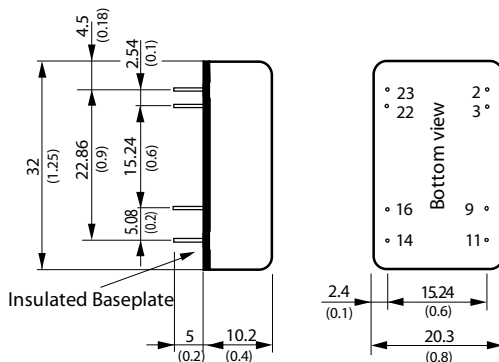
**Download Information:**

Download Copy of this specification:  
<http://www.powergatellc.com/pdfs/THD10.pdf>

Detailed Spec:  
<http://www.tracopower.com/products/thd10.pdf>

**Mechanical Specification:**

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



() = Inches

Pin	Single output	Dual output
2	- Vin (GND)	- Vin (GND)
3	- Vin (GND)	- Vin (GND)
9	No pin	Common
11	No con.	- Vout
14	+ Vout	+ Vout
16	- Vout	Common
22	+ Vin (Vcc)	+ Vin (Vcc)
23	+ Vin (Vcc)	+ Vin (Vcc)