

- 4:1 Input Range
- Meets EN55022 Class A
- 4" x 1" Package
- Option: Extended Temp Range
- Isolation Voltage: 500V/ 1500V



Model Number	Input Voltage	Output Voltage	Output Current	Input No Load	Current Full Load	% Eff.
TP10W-24S3.3	9-36 V	3.3 VDC	2000 mA	15 mA	362 mA	76
TP10W-24S05	9-36 V	5 VDC	2000 mA	15 mA	534 mA	78
TP10W-24S12	9-36 V	12 VDC	830 mA	15 mA	520 mA	80
TP10W-24S15	9-36 V	15 VDC	666 mA	15 mA	520 mA	80
TP10W-24D05	9-36 V	±5V	±1000 mA	20 mA	520 mA	80
TP10W-24D12	9-36 V	±12V	±415 mA	20 mA	520 mA	80
TP10W-24D15	9-36 V	±15V	±333 mA	20 mA	520 mA	80
TP10W-48S3.3	18-72V	3.3 VDC	2000 mA	10 mA	181 mA	76
TP10W-48S05	18-72V	5 VDC	2000 mA	10 mA	260 mA	80
TP10W-48S12	18-72V	12 VDC	830 mA	10 mA	257 mA	81
TP10W-48S15	18-72V	15 VDC	666 mA	10 mA	257 mA	81
TP10W-48D05	18-72V	±5V	±1000 mA	15 mA	253 mA	82
TP10W-48D12	18-72V	±12V	±415 mA	15 mA	257 mA	81
TP10W-48D15	18-72V	±15V	±333 mA	15 mA	253 mA	82

All Specifications are Typical at Nominal Line, Full load, and 25°C Unless Otherwise Noted / © TECHNO-PROJEKT 2007

INPUT SPECIFICATIONS

INPUT VOLTAGE RANGE 24V.....9-36V
 48V 18-72V

INPUT FILTER..... PI Type

OUTPUT SPECIFICATIONS

Voltage Accuracy.....	Single Output	±1.0% max
Voltage Balance Dual Output at Full Load		±1.0% max
Single 25% Step Load Change		< 500µs
Dual FL-1/2L ±1.0% Error Band		< 500µs
RIPPLE AND NOISE, 20MHz BW		max. 75mVpp.
Short Circuit Protection		continuous
Temperature Coefficient		±0.02%/C max
Line Regulation ¹	Single/ Dual Output	±0.2% max
Load Regulation ²	Single/ Dual Output	±1.0% max

GENERAL SPECIFICATIONS

ISOLATION VOLTAGE.....	Standard	500VDC max.
	Suffix H	1500VDC max.
ISOLATION RESISTANCE		1000 MOhm
SWITCHING FREQUENCY.....		300KHz typ.
OPERATING TEMPERATURE RANGE.....		-40°C TO +71°C
DERATING, ABOVE 71°C	LINEARY TO ZERO POWER AT 100 °C	
THERMAL SHUT DOWN; CASE TEMPERATURE		100°Cmax.
STORAGE TEMPERATURE RANGE.....		-40°C TO +100°C
CASE MATERIAL	Black Coated Copper with Non-Conductive Base	
DIMENSIONS	2,00×1,00×0,40 INCHES (50.8 × 25.4 × 10.2mm)	

NOTE:

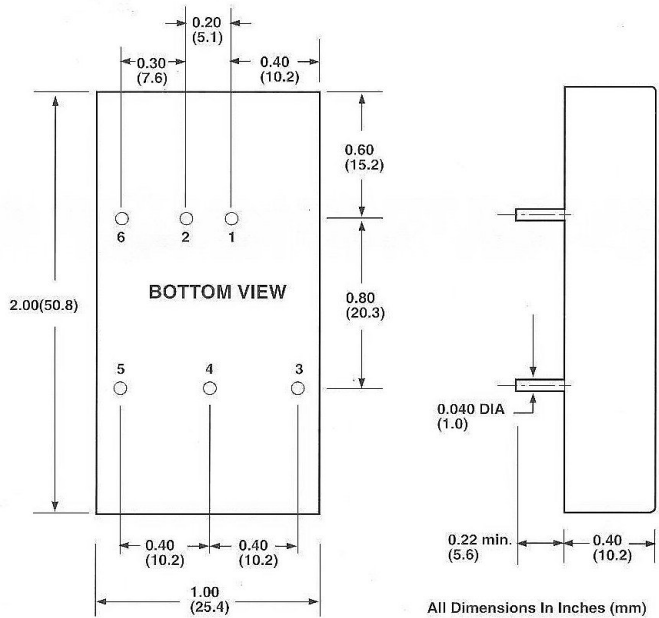
1. Measured From High Line To Low Line
2. Measured From Full Load To 25% Load
3. Maximum case temperature under any operating conditions should not exceed 100°C
4. Suffix H for Isolation Voltage 1500VDC
5. Suffix T for extended Operating-Temperature Range “-40°C ... +85°C”

Ordering Instructions

TP10W - 24 S 12 H

Series	Input	Single	Output	Option H (Viso 1500VDC)
		Dual		T (Operat. Temp without Derating -40°C...+85°C)

MECHANICAL SPECIFICATIONS



Pin	Function
1	+ Input
2	- Input
3	+ Output
4	Common/ NP
5	- Output
6	NP

NP = no Pin

NOTE: Pin Size = 0.02" (0.5mm) Ø

DERATING CURVE

