

- 4:1 Input Range
- Efficiency to 88%
- Half-brick Package
- OCP/ OVP/ OTP
- continuous short circuit Protection
- Remote ON/OFF



Model Number	Input Voltage	Output Voltage	Output Current	Input No Load	Current Full Load	% Eff.
TP100W-24S3.3	9 – 36 V	3.3 VDC	20 A	35 mA	3374 mA	81
TP100W-24S05	9 – 36 V	5 VDC	20 A	35 mA	4990 mA	83
TP100W-24S12	9 – 36 V	12 VDC	8.3 A	35 mA	4902 mA	85
TP100W-24S15	9 – 36 V	15 VDC	6.7 A	35 mA	4817 mA	86
TP100W-24S24	9 – 36 V	24 VDC	4.17 A	35 mA	4849 mA	86
TP100W-48S3.3	18 – 75 V	3.3 VDC	20 A	30 mA	1708 mA	81
TP100W-48S05	18 – 75 V	5 VDC	20 A	30 mA	2422 mA	86
TP100W-48S12	18 – 75 V	12 VDC	8.3 A	30 mA	2408 mA	86
TP100W-48S15	18 – 75 V	15 VDC	6.7 A	30 mA	2381 mA	87
TP100W-48S24	18 – 75 V	24 VDC	4.17 A	30 mA	2367 mA	88

All Specifications are Typical at Nominal Line, Full load, and 25°C Unless Otherwise Noted / © TP 2009

INPUT SPECIFICATIONS

INPUT UNDER-VOLTAGE LOCKOUT.....	24Vin power down	8V typ
	24Vin power up....	8.8V typ
	48Vin power down	16V typ
	48Vin power up.....	17V typ
INPUT FILTER.....		PI Type

OUTPUT SPECIFICATIONS

Voltage Accuracy.....		±1.5% max
Ripple and Noise, 20MHz BW	Vo = 3,3V & 5V.....	max. 100mVpp.
	Vo = 12V & 15V.....	max. 150mVpp.
	Vo = 24V.....	max. 240mVpp.
Temperature Coefficient		±0.03%/C max
Line Regulation		±0.2%.
Load Regulation		±0.2%.
External Trim Adj. Range		±10%
Short Circuit Protection		continuous
Over Voltage Protection.....		115 – 140%
Current Limit		110% - 150% Nominal Output

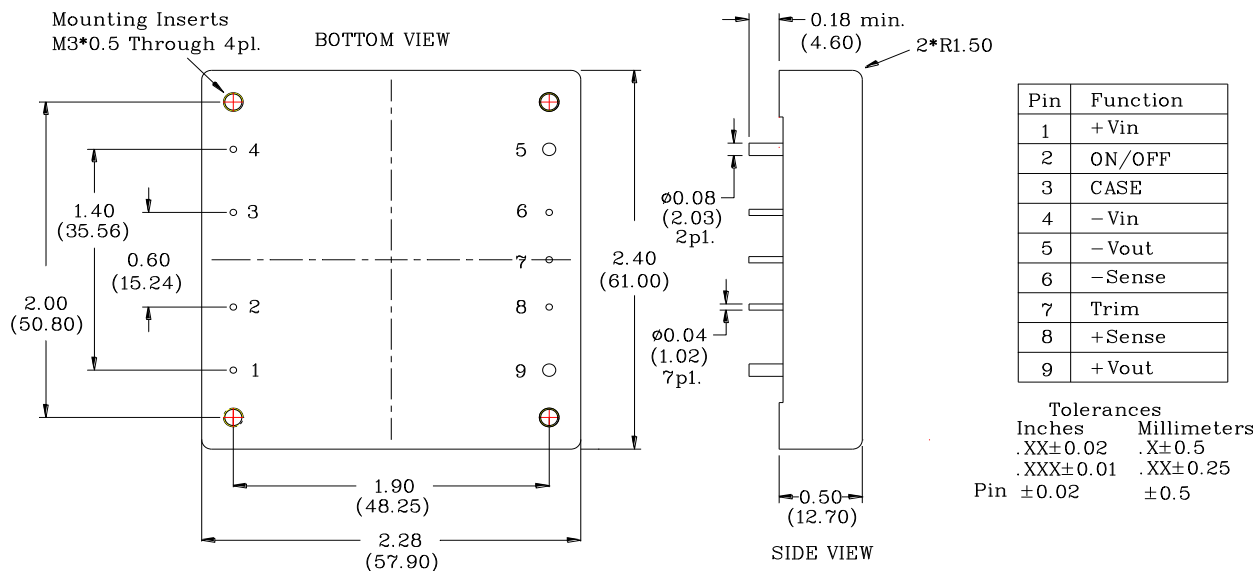
GENERAL SPECIFICATIONS

ISOLATION VOLTAGE.....		1500VDC max.
ISOLATION RESISTANCE		10 MOhm
SWITCHING FREQUENCY.....		250KHz typ.
OPERATING TEMPERATURE RANGE.....		-40°C TO +100°C
THERMAL SHUT DOWN; CASE TEMPERATURE		100°Cmax.
STORAGE TEMPERATURE RANGE.....		-40°C TO +105°C
CASE MATERIAL		Aluminium
DIMENSIONS	2,28×2,40×0.50 INCHES	(57.9 × 61.0 × 12.7mm)

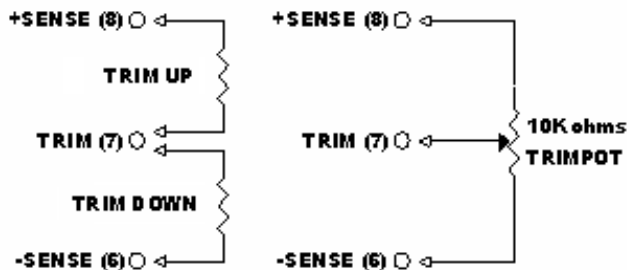
NOTE:

1. LINE REGULATION: Measured From High Line To Low Line
2. LOAD REGULATION: Measured From Full Load To Zero Load

MECHANICAL SPECIFICATIONS



External Output TRIM REMOTE ON/OFF



Logic Compatibility Open collector TTL refer to - Input

Modul ON Open Circuit

Module OFF <0.8 Vdc

