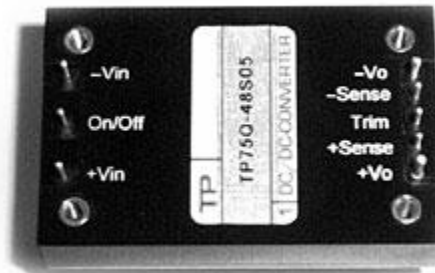


- 4:1 Input Range
- Efficiency to 87%
- Quarter-brick Package
- continuous short circuit Protection
- Remote ON/OFF



Model Number	Input Voltage	Output Voltage	Output Current	Input Current No Load	Current Full Load	% Eff.
TPQ75W-24S3.3	9 – 36 V	3.3 VDC	12 A	50 mA	2037 mA	81
TPQ75W-24S05	9 – 36 V	5 VDC	12 A	50 mA	2976 mA	84
TPQ75W-24S12	9 – 36 V	12 VDC	6.25 A	50 mA	3634 mA	86
TPQ75W-24S15	9 – 36 V	15 VDC	5 A	50 mA	3634 mA	86
TPQ75W-24S24	9 – 36 V	24 VDC	3.12 A	50 mA	3628 mA	86
TPQ75W-48S3.3	18 – 75 V	3.3 VDC	12 A	30 mA	1016 mA	82
TPQ75W-48S05	18 – 75 V	5 VDC	12 A	30 mA	1471 mA	85
TPQ75W-48S12	18 – 75 V	12 VDC	6.25 A	30 mA	1817 mA	86
TPQ75W-48S15	18 – 75 V	15 VDC	5 A	30 mA	1796 mA	87
TPQ75W-48S24	18 – 75 V	24 VDC	3.12 A	30 mA	1796 mA	87

All Specifications are Typical at Nominal Line, Full load, and 25°C Unless Otherwise Noted / © TP 2010

INPUT SPECIFICATIONS

INPUT UNDER-VOLTAGE LOCKOUT.....	24Vin power down8.0V typ
	24Vin power up....8.8V typ
	48Vin power down 16V typ
	48Vin power up.... 17V typ
INPUT SURGE VOLTAGE (100ms max)	24V50VDC max
	48V 100VDC max
POSITIVE LOGIC REMOTE ON/OFF CONTROL	
Logic Compatibility	Open Collector TTL, ref. to –Vin
Module ON	> 3.5V to 75V or Open Circuit
Module OFF.....	<1.8 Vdc
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 % Vo nom.....	115 – 140%
Current Limit	110% - 150% Nominal Output

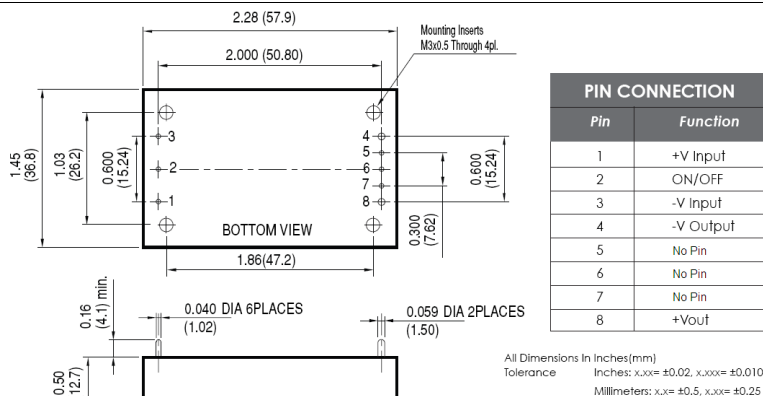
GENERAL SPECIFICATIONS

ISOLATION VOLTAGE.....	1500VDC max.
ISOLATION RESISTANCE	10 MOhm
SWITCHING FREQUENCY.....	500KHz typ.
OPERATING TEMPERATURE RANGE.....	-40°C TO +100°C
THERMAL SHUT DOWN; CASE TEMPERATURE	105°Cmax.
STORAGE TEMPERATURE RANGE.....	-40°C TO +105°C
CASE MATERIAL	Aluminium
DIMENSIONS	1,45x2,28x0.50 INCHES (36.8 × 57.9 × 12.7mm)
WEIGHT	63g

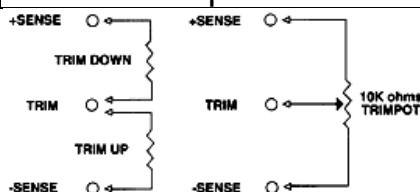
NOTE:

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 CONTROL

Logic Compatibility	Open collector TTL refer to -Input
Modul ON	> 3.5V or Open Circuit
Module OFF	<1.8 Vdc