

TEP-75WI Series ▶ 75 W



 pending

- ▶ High power density
- ▶ Ultra wide 4:1 input voltage range
- ▶ Very high efficiency up to 90 %
- ▶ Operating temperature range $-40\text{ }^{\circ}\text{C}$ to $+85\text{ }^{\circ}\text{C}$
- ▶ Soft start
- ▶ Reverse input protection
- ▶ I/O isolation 2250 VDC (basic insulation)
- ▶ Adjustable output voltage
- ▶ Shielded metal case with aluminium baseplate
- ▶ Optional adaptor for screw terminal connection



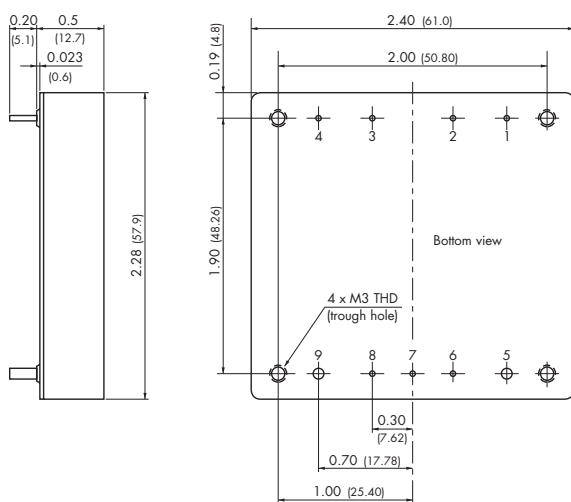
Specifications

Line regulation	0.2% max.
Load regulation	0.3% max.
Output voltage adjustment	+10% / -20% by external resistor
Ripple & noise (20 MHz BW)	- 5 VDC output models: <75 mVpk-pk - other output models: <1% of Vout
Conducted EMI	EN 55022, class A and FCC, level A (with external capacitor)
Short circuit protection	continuous, automatic recovery
Reverse input protection	parallel diode
Efficiency	88% typ.
Operating temperature range	$-40\text{ }^{\circ}\text{C}$ to $+85\text{ }^{\circ}\text{C}$ (with heat sink) for derating see datasheet
Thermal protection	shutdown at $115\text{ }^{\circ}\text{C}$
I/O isolation test voltage	2250 VDC (basic insulation)
Safety standards / approvals	cUL/UL 60950-1, IEC/EN 60950-1
Case	shielded metal case with aluminium baseplate
Remote On/Off	shutdown input for low input current (3 mA) in standby operation
Options	- Heat sink (horizontal or vertical) - Adaptor for screw terminal connection

Models

Order code	Input voltage	Output voltage	Output current max.
TEP 75-2411WI		5.0 VDC	15.0 A
TEP 75-2412WI		12 VDC	6.3 A
TEP 75-2413WI	9 – 36 VDC	15 VDC	5.0 A
TEP 75-2415WI		24 VDC	3.2 A
TEP 75-2416WI		28 VDC	2.7 A
TEP 75-2418WI		48 VDC	1.6 A
TEP 75-4811WI		5.0 VDC	15.0 A
TEP 75-4812WI		12 VDC	6.3 A
TEP 75-4813WI	18 – 75 VDC	15 VDC	5.0 A
TEP 75-4815WI		24 VDC	3.2 A
TEP 75-4816WI		28 VDC	2.7 A
TEP 75-4818WI		48 VDC	1.6 A

Dimensions



() = mm

Pin

1	- Vin (GND)
2	Case
3	Remote On/Off
4	+ Vin (Vcc)
5	- Vout
6	- Sense
7	Trim
8	+ Sense
9	+ Vout