

TRV-1 Series ▶ 1 W

- ▶ Semi-regulated output
- ▶ Industry standard pinout
- ▶ Very high efficiency up to 88%
- ▶ I/O isolation voltage 3000 VDC
- ▶ Operating temperature range -40 °C to +85 °C

Full datasheet in progress !



NEW
product

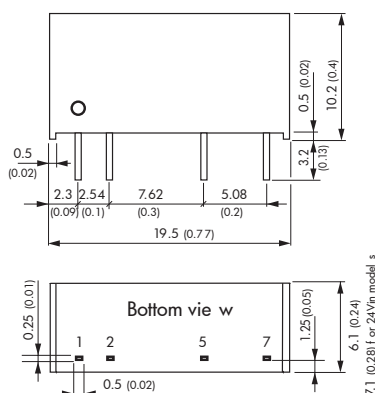
Specifications

Line regulation	1.2%
Load regulation	5% typ for 5V input models (20- 100% load) 3.5% typ for 12V & 24V input models
Ripple & Noise	30 mVpk-pk typ. (20 MHz BW)
Short circuit protection	limited 0.5 sec.
Efficiency	86 % typ.
Operating temperature range	-40 °C to +85 °C (no derating)
I/O isolation test voltage	3000 VDC
Casing	plastic (UL 94 V-0 rated)

Models

Order code	Input voltage	Output voltage	Output current max.
TRV 1-0511		5 VDC	200 mA
TRV 1-0519	5 VDC ± 10 %	9 VDC	110 mA
TRV 1-0512		12 VDC	84 mA
TRV 1-0513		15 VDC	67 mA
TRV 1-1211		5 VDC	200 mA
TRV 1-1219	12 VDC ± 10 %	9 VDC	110 mA
TRV 1-1212		12 VDC	84 mA
TRV 1-1213		15 VDC	67 mA
TRV 1-2411		5 VDC	200 mA
TRV 1-2419	24 VDC ± 10 %	9 VDC	110 mA
TRV 1-2412		12 VDC	84 mA
TRV 1-2413		15 VDC	67 mA

Dimensions



Pin

1	+ Vin (Vcc)
2	- Vin (GND)
5	- Vout
7	+ Vout

() = Inches