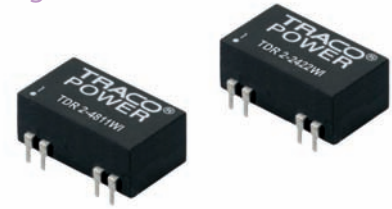


TDR-2WI Series ▶ 2 W

- ▶ Compact design in DIP package
- ▶ Ultra wide 4:1 input voltage range
- ▶ Fully regulated outputs
- ▶ No minimum load required
- ▶ I/O-isolation 1500VDC
- ▶ Operating temperature range -40 °C to +85 °C without derating
- ▶ Short circuit protection
- ▶ Remote On/Off

Full datasheet in progress !

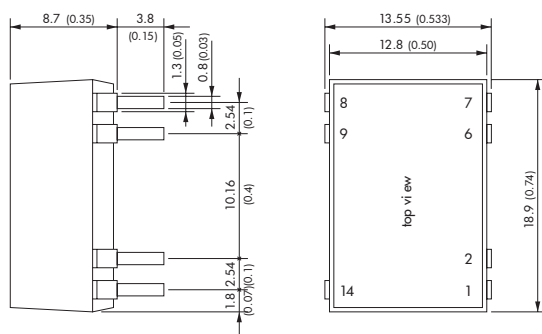


NEW
Product

Specifications		Models			
Line regulation	0.2 % max.	Order code	Input voltage	Output voltage	Output current max.
Load regulation	- Single output models: 1.0% max. - Dual output models: 1.0 % max.	TDR 2-1211WI		5 VDC	400 mA
Ripple & noise	<30 mVpk-pk (20 MHz BW) (no external output capacitor required)	TDR 2-1212WI		12 VDC	167 mA
Short circuit protection	continuous, automatic recovery	TDR 2-1213WI	4.5 – 18 VDC	15 VDC	134 mA
Efficiency	81 % typ.	TDR 2-1222WI		± 12 VDC	± 83 mA
Operating temperature range	-40 °C to +85 °C without derating	TDR 2-1223WI		± 15 VDC	± 67 mA
I/O isolation test voltage	1500 VDC	TDR 2-2411WI		5 VDC	400 mA
Safety standards	cUL/UL 60950-1, IEC/EN 60950-1	TDR 2-2412WI		12 VDC	167 mA
Casing	Epoxy molded (UL 94 V-0 rated)	TDR 2-2413WI	9 – 36 VDC	15 VDC	134 mA
Remote On/Off	shutdown input for low input current (2.5 mA) in standby operation	TDR 2-2422WI		± 12 VDC	± 83 mA
		TDR 2-2423WI		± 15 VDC	± 67 mA
		TDR 2-4811WI		5 VDC	400 mA
		TDR 2-4812WI		12 VDC	167 mA
		TDR 2-4813WI	18 – 75 VDC	15 VDC	134 mA
		TDR 2-4822WI		± 12 VDC	± 83 mA
		TDR 2-4823WI		± 15 VDC	± 67 mA

Product with same electrical specifications available in SMD package.
See TDR-2WISM series page 11

Dimensions



() = Inches

Pin	Single output	Dual output
1	- Vin (GND)	- Vin (GND)
2	Remote On/Off	Remote On/Off
6	No con.	Common
7	No con.	- Vout
8	+ Vout	+ Vout
9	- Vout	Common
14	+ Vin (Vcc)	+ Vin (Vcc)

TDR-2WISM Series ▶ 2 W

- ▶ Compact design in SMD package
- ▶ Ultra wide 4:1 input voltage range
- ▶ Fully regulated outputs
- ▶ No minimum load required
- ▶ I/O-isolation 1500VDC
- ▶ Operating temperature range $-40\text{ }^{\circ}\text{C}$ to $+85\text{ }^{\circ}\text{C}$ without derating
- ▶ Qualified for leadfree reflow solder process according IPC J-STD-020D
- ▶ Short circuit protection
- ▶ Remote On/Off

Full datasheet in progress !


NEW
Product

Specifications

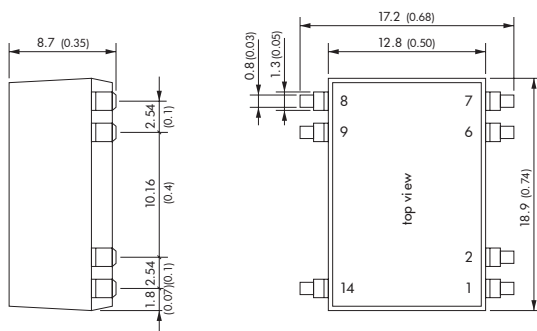
Line regulation	0.2 % max.
Load regulation	- Single output models: 1.0% max. - Dual output models: 1.0 % max.
Ripple & noise	<30 mVpk-pk (20 MHz BW) (no external output capacitor required)
Short circuit protection	continuous, automatic recovery
Efficiency	81 % typ.
Operating temperature range	$-40\text{ }^{\circ}\text{C}$ to $+85\text{ }^{\circ}\text{C}$ without derating
I/O isolation test voltage	1500 VDC
Safety standards	cUL/UL 60950-1, IEC/EN 60950-1
Casing	Epoxy molded (UL 94 V-0 rated)
Remote On/Off	shutdown input for low input current (2.5 mA) in standby operation

Product with same electrical specifications available in DIP package.
See TDR-2WI series page 41

Models

Order code	Input voltage	Output voltage	Output current max.
TDR 2-1211WISM		5 VDC	400 mA
TDR 2-1212WISM		12 VDC	167 mA
TDR 2-1213WISM	4.5 – 18 VDC	15 VDC	134 mA
TDR 2-1222WISM		± 12 VDC	± 83 mA
TDR 2-1223WISM		± 15 VDC	± 67 mA
TDR 2-2411WISM		5 VDC	400 mA
TDR 2-2412WISM		12 VDC	167 mA
TDR 2-2413WISM	9 – 36 VDC	15 VDC	134 mA
TDR 2-2422WISM		± 12 VDC	± 83 mA
TDR 2-2423WISM		± 15 VDC	± 67 mA
TDR 2-4811WISM		5 VDC	400 mA
TDR 2-4812WISM		12 VDC	167 mA
TDR 2-4813WISM	18 – 75 VDC	15 VDC	134 mA
TDR 2-4822WISM		± 12 VDC	± 83 mA
TDR 2-4823WISM		± 15 VDC	± 67 mA

Dimensions



() = Inches

Pin	Single output	Dual output
1	- Vin (GND)	- Vin (GND)
2	Remote On/Off	Remote On/Off
6	No con.	Common
7	No con.	- Vout
8	+ Vout	+ Vout
9	- Vout	Common
14	+ Vin (Vcc)	+ Vin (Vcc)