

THL-6WISM Series ▶ 6 W



- ▶ Ultra compact SMD package
- ▶ Ultra wide 4:1 input voltage range
- ▶ Fully regulated output
- ▶ Operating temperature range -40 °C to +70 °C
- ▶ I/O isolation 1500 VDC
- ▶ Short circuit protection
- ▶ Input filter to meet EN 55022, class A
- ▶ Qualified for leadfree reflow solder process

Full datasheet in progress !



NEW
Product

Specifications

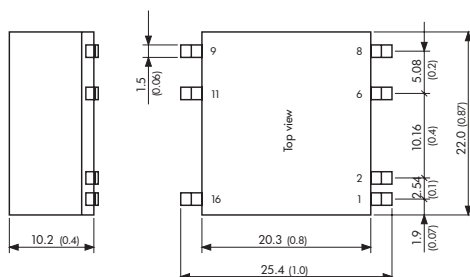
Line regulation	0.5 % max.
Load regulation	- Single output models: 1.0% max. - Dual output models: 2.0% max.
Ripple & Noise	<60 mVpk-pk typ.(20 MHz BW)
Input filter	EN 55022, class A and FCC, level A (wit external capacitor)
Short circuit protection	continuous, automatic recovery
Efficiency	83 % typ.
Operating temperature range	-40 °C to +70 °C above 60 °C derating 2.5%/K
I/O isolation test voltage	1500 VDC
Safety standards	cUL/UL 60950-1, IEC/EN 60950-1, CB-report
Remote On/Off	shutdown input for low input current (10 mA) in standby operation
Casing	plastic (UL 94 V-0 rated)

Models

Order code	Input voltage	Output voltage	Output current max.
THL 6-2410WISM		3.3 VDC	1450 mA
THL 6-2411WISM		5 VDC	1200 mA
THL 6-2412WISM		12 VDC	500 mA
THL 6-2413WISM	9 – 36 VDC	15 VDC	400 mA
THL 6-2421WISM		± 5 VDC	± 600 mA
THL 6-2422WISM		± 12 VDC	± 250 mA
THL 6-2423WISM		± 15 VDC	± 200 mA
THL 6-4810WISM		3.3 VDC	1450 mA
THL 6-4811WISM		5 VDC	1200 mA
THL 6-4812WISM		12 VDC	500 mA
THL 6-4813WISM	18 – 75 VDC	15 VDC	400 mA
THL 6-4821WISM		± 5 VDC	± 600 mA
THL 6-4822WISM		± 12 VDC	± 250 mA
THL 6-4823WISM		± 15 VDC	± 200 mA

Product with same electrical specifications available in DIP package.
See THL-6WI series page 35

Dimensions



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

() = Inches