

TES-5WI Series ▶ 5 W



- ▶ Compact SMD package
- ▶ Ultra wide 4:1 input voltage range
- ▶ Fully regulated output
- ▶ Operating temperature range -40 °C to $+85\text{ °C}$
- ▶ I/O isolation 1500 VDC
- ▶ Short circuit protection
- ▶ Input filter to meet EN 55022, class A
- ▶ Qualified for leadfree reflow solder process



NEW
Product

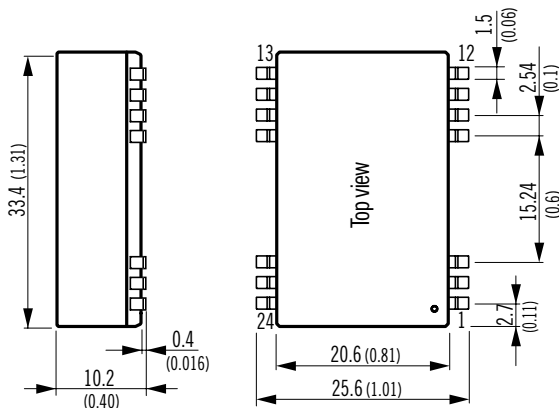
Specifications

Line regulation	1.0 % max.
Load regulation	1.0% max.
Ripple & noise	<85 mVpk-pk (20 MHz BW)
Input filter	EN 55022, class A and FCC, level A (internal filter)
Short circuit protection	continuous, no automatic recovery
Efficiency	82 % typ.
Operating temperature range	-40 °C to $+85\text{ °C}$ above 70 °C derating 3.5%/K
I/O isolation test voltage	1500 VDC
Safety standards / approvals	cUL/UL 60950-1, IEC/EN 60950-1
Remote On/Off	shutdown input for low input current (10 mA) in standby operation
Case	plastic (UL 94 V-0 rated)

Models

Order code	Input voltage	Output voltage	Output current max.
TES 5-2410WI		3.3 VDC	1200 mA
TES 5-2411WI		5 VDC	1000 mA
TES 5-2412WI		12 VDC	420 mA
TES 5-2413WI	9 – 36 VDC	15 VDC	335 mA
TES 5-2421WI		$\pm 5\text{ VDC}$	$\pm 500\text{ mA}$
TES 5-2422WI		$\pm 12\text{ VDC}$	$\pm 210\text{ mA}$
TES 5-2423WI		$\pm 15\text{ VDC}$	$\pm 165\text{ mA}$
TES 5-4810WI		3.3 VDC	1200 mA
TES 5-4811WI		5 VDC	1000 mA
TES 5-4812WI		12 VDC	420 mA
TES 5-4813WI	18 – 75 VDC	15 VDC	335 mA
TES 5-4821WI		$\pm 5\text{ VDC}$	$\pm 500\text{ mA}$
TES 5-4822WI		$\pm 12\text{ VDC}$	$\pm 210\text{ mA}$
TES 5-4823WI		$\pm 15\text{ VDC}$	$\pm 165\text{ mA}$

Dimensions



Pin	Single output	Dual output
1	Remote On/Off	Remote On/Off
2	- Vin (GND)	- Vin (GND)
3	- Vin (GND)	- Vin (GND)
9	No con.	Common
10	No con.	No con.
11	No con.	- Vout
12	No con.	No con.
13	No con.	No con.
14	+ Vout	+ Vout
15	No con.	No con.
16	- Vout	Common
22	+ Vin (Vcc)	+ Vin (Vcc)
23	+ Vin (Vcc)	+ Vin (Vcc)
24	No con.	No con.

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