



# Power Supplies & UPS

## MOTIEN\_DC/DC Single Output Power Converters

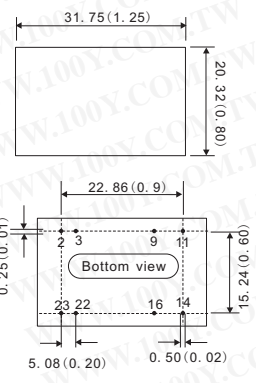
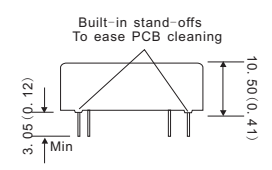
Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



- Wide 2:1 Input Range
- Full SMD Technology
- 1500 Vdc Isolation up to 3500 Vdc Isolation
- Continuous Short Circuit Protection
- Low Profile metal package
- Data Communication Equipments
- Process / Machine Control Equipments
- Meet UL/cUL approval

**Output specifications**  
 Voltage accuracy:  $\pm 1\%$   
 Ripple & Noise (20 Mhz band width): 60mV pk-pk

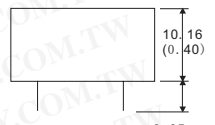
**Physical specifications**  
 Weight: 17. 0g  
 Dimensions: 1. 28" x 0. 84" x 0. 41"



Pin number	Single	Dual
2	-V Input	-V Input
3	-V Input	-V Input
9	N. P.	Common
11	N. C.	-V output
14	+V output	+V output
16	-V output	Common
22	+V Input	+V Input
23	+V Input	+V Input

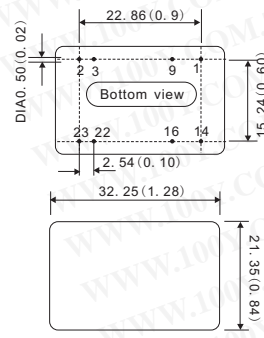
**General specifications**  
 Safety standard: IEC 60950-1:2001

**Environment specifications**  
 Operating temperature: -40°C~85°C



For "P" case

24 Pin DIL package Non-conductive plastic



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2	-V Input	-V Input
3	-V Input	-V Input
9	N. P.	Common
11	N. C.	-V output
14	+V output	+V output
16	-V output	Common
22	+V Input	+V Input
23	+V Input	+V Input

24 Pin DIL package Nickel-coated copper



Part No.	Product No.	Manufacturer	Description	DCVout	Current	Watts	Efficiency %	DCVin
39797	VD-1205S3P	MOTIEN	DC/DC Single Output Converter (=TRACO_TEN3-1211)	5.0V	600mA	3W	76%	9-18V
39772	VD-1205S5	MOTIEN	DC/DC Single Output Converter (=TRACO_TEN5-1211)	5.0V	1000mA	5W	77%	9-18V
39798	VD-1212S3P	MOTIEN	DC/DC Single Output Converter (=TRACO_TEN3-1212)	12V	250mA	3W	80%	9-18V
39773	VD-1212S6	MOTIEN	DC/DC Single Output Converter (=TRACO_TEN5-1212)	12Vdc	500mA	6W	81%	9-18V
39771	VD-123R3S4	MOTIEN	DC/DC Single Output Converter (=TRACO_TEN5-1210)	3.3Vdc	1200mA	4W	72%	9-18V
39799	VD-2405S3P	MOTIEN	DC/DC Single Output Converter (=TRACO_TEN3-2411)	5.0V	600mA	3W	76%	18-36V
39774	VD-2405S5	MOTIEN	DC/DC Single Output Converter (=TRACO_TEN5-2411)	5.0V	1000mA	5W	80%	18-36V
39800	VD-2412S3P	MOTIEN	DC/DC Single Output Converter (=TRACO_TEN3-2412)	12.0V	250mA	3W	80%	18-36V
39775	VD-2412S6	MOTIEN	DC/DC Single Output Converter (=TRACO_TEN5-2412)	12V	500mA	6W	80%	18-36V
39776	VD-2415S6	MOTIEN	DC/DC Single Output Converter (=TRACO_TEN5-2413)	15.0V	400mA	6W	80%	18-36V



- Wide 4:1 Input Range
- Full SMD Technology
- 1500 Vdc Isolation
- Up to 3500 Vdc Isolation
- Continuous Short Circuit Protection
- Low Profile metal package
- Distributed Power Networks
- Data Communication Equipments
- Telecommunication Instruments
- Process / Machine Control Equipments

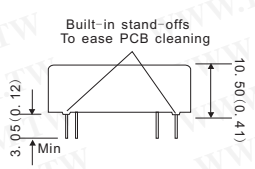
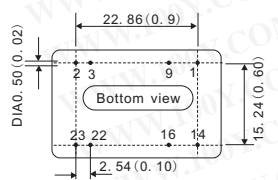
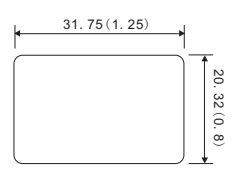
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Pin number	Single	Dual
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3	-V Input	-V Input
9	N. P.	Common
11	N. C.	-V output
14	-V output	+V output
16	+V Input	Common
22	+V Input	+V Input
23	+V Input	+V Input



24 Pin DIL package Nickel-coated copper

Part No.	Product No.	Manufacturer	Description	DCVout	Current	Watts	Efficiency %	DCVin
39815	VK-2405S4	MOTIEN	DC/DC Single Output Converter (=TRACO_TEN 4-2411)	5.0V	800mA	4W	80%	9-36V
39820	VK-2405S5	MOTIEN	DC/DC Single Output Converter (=TRACO_TEN 6-2411)	5V	1000mA	5W	80%	9-36V
39817	VK-2412S4	MOTIEN	DC/DC Single Output Converter (=TRACO_TEN 4-2412)	12V	333mA	4W	83%	9-36V
39821	VK-2412S6	MOTIEN	DC/DC Single Output Converter (=TRACO_TEN 6-2412)	12V	500mA	6W	83%	9-36V
39814	VK-243R3S3	MOTIEN	DC/DC Single Output Converter (=TRACO_TEN 4-2410)	3.3V	900mA	3W	75%	9-36V

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## Centenary Materials



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