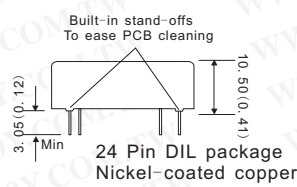
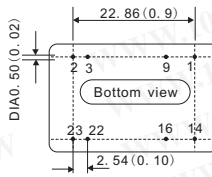
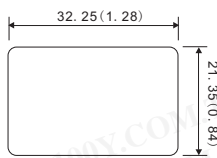




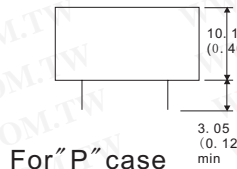
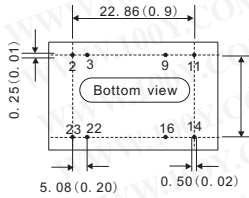
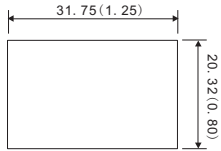
# Power Supplies & UPS

## MOTIEN\_DC/DC Dual Output Power Converters

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



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



For "P" case

24 Pin DIL package  
Non-conductive plastic

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



Part No.	Product No.	Manufacturer	Description	DCVout	Current	DCVout	Current	Watts	Efficiency %	DCVin
39802	VD-1205D3P	MOTIEN	DC/DC Dual Output Converter (=TRACO_TEN3-1221)	-5.0V	-300mA	+5.0V	+300mA	3W	76%	9-18V
39786	VD-1205D5	MOTIEN	DC/DC Dual Output Converter (=TRACO_TEN5-1221)	-5.0V	-500mA	+5.0V	+500mA	5W	77%	9-18V
39803	VD-1212D3P	MOTIEN	DC/DC Dual Output Converter (=TRACO_TEN3-1222)	-12.0V	-125mA	+12.0V	+125mA	3W	80%	9-18V
39787	VD-1212D6	MOTIEN	DC/DC Dual Output Converter (=TRACO_TEN5-1222)	-12V	-250mA	+12V	+250mA	6W	80%	9-18V
39804	VD-1215D3P	MOTIEN	DC/DC Dual Output Converter (=TRACO_TEN3-1223)	-15V	-100mA	+15V	+100mA	3W	80%	9-18V
39789	VD-1215D6	MOTIEN	DC/DC Dual Output Converter (=TRACO_TEN5-1223)	-15V	-200mA	+15V	+200mA	6W	78%	9-18V
39805	VD-2405D3P	MOTIEN	DC/DC Dual Output Converter (=TRACO_TEN3-2421)	-5.0V	-300mA	+5.0V	+300mA	3W	76%	18-36V
39791	VD-2405D5	MOTIEN	DC/DC Dual Output Converter (=TRACO_TEN5-2421)	-5.0V	-500mA	+5.0V	+500mA	5W	78%	18-36V
39806	VD-2412D3P	MOTIEN	DC/DC Dual Output Converter (=TRACO_TEN3-2422)	-12.0V	-125mA	+12.0V	+125mA	3W	82%	18-36V
39792	VD-2412D6	MOTIEN	DC/DC Dual Output Converter (=TRACO_TEN5-2422)	-12.0V	-250mA	+12.0V	+250mA	6W	80%	18-36V
39807	VD-2415D3P	MOTIEN	DC/DC Dual Output Converter (=TRACO_TEN3-2423)	-15.0V	-100mA	+15.0V	+100mA	3W	82%	18-36V
39793	VD-2415D6	MOTIEN	DC/DC Dual Output Converter (=TRACO_TEN5-2423)	-15V	-200mA	+15V	+200mA	6W	80%	18-36V



- Wide 4:1 Input Range
- Full SMD Technology
- 1500 Vdc Isolation
- Up to 3500 Vdc Isolation
- Continuous Short Circuit Protection
- Efficiency up to 85%
- -40~85°C Operation temperature range

### Output specifications

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

### Physical specifications

- Weight: 17.0g
- Dimensions: 1.25" x 0.8" x 0.41"

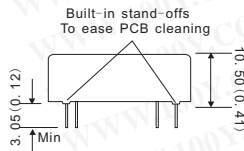
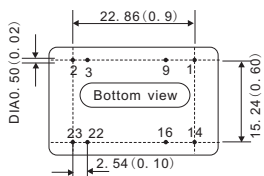
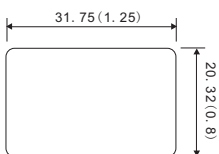
### General specifications

Safety standard: IEC 60950-1:2001

### Environment specifications

Operating temperature: -40°C~85°C

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 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	DCVout	Current	Watts	Efficiency %	DCVin
39818	VK-2412D4	MOTIEN	DC/DC Dual Output Converter (=TRACO_TEN 4-2422)	-12V	-167mA	+12V	+167mA	4W	82%	9-36V
39822	VK-2412D6	MOTIEN	DC/DC Dual Output Converter (=TRACO_TEN 6-2422)	-12V	-250mA	+12V	+250mA	6W	84%	9-36V
39819	VK-2415D4	MOTIEN	DC/DC Dual Output Converter (=TRACO_TEN 4-2423)	-15V	-134mA	+15V	-134mA	4W	80%	9-36V
39823	VK-2415D6	MOTIEN	DC/DC Dual Output Converter (=TRACO_TEN 6-2423)	-15V	-200mA	+15Vdc	+200mA	6W	80%	9-36V

- We provide a wide range of products to development and maintenance engineers in all type of business
- If you cannot find the components you want on the catalogue, please call us.



Taiwan: 886-3-5753170

Shanghai: 021-54151736 Shenzhen: 0755-83298787

## Centenary Materials

Waiting for your phone call



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F A X : Taiwan: 886-3-5753172  
E-mail: Taiwan: sale@100y.com.tw

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Shenzhen: 86-755-83640655  
Shenzhen: 100y@163.com

Shanghai: 86-21-54151736  
Shanghai: 86-21-64605107  
Shanghai: 100y-1@163.com