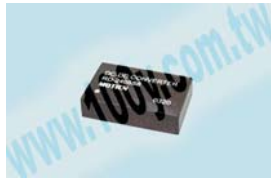


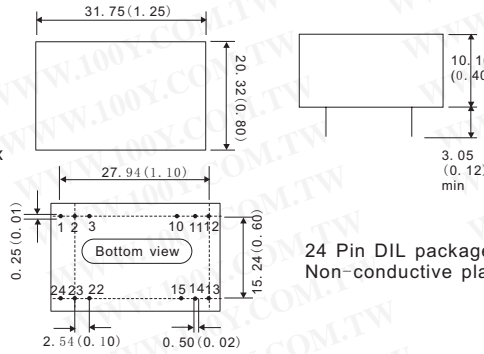
Power Supplies & UPS

MOTIEN_DC/DC Dual Output Power Converters

Detailed product specifications are available on: us.100y.com.tw



SPECIFICATIONS:
 Input Voltage: 4.5~9Vdc
 Input Current (No load) :40mA, typ.
 Output voltage: ±15Vdc, ±1%
 Output Current (Min load) :±25mA, Min
 Output current (Full load) :±100mA, Max
 Short circuit protection: Continuous
 Efficiency: 70%, Min
 Isolation capacitance: 60 pF, Typ
 Operating temperature: -40°C~85°C
 Storage temperature: -40°C~+125°C
 Cooling: Free air convection



PIN #	DESCRIPTION
1, 24	+V Input
2, 23	-V Output
3, 22	Common
10, 15	Common
11, 14	+V Output
12, 13	-V Input

24 Pin DIL package
Non-conductive plastic

Part No.	Product No.	Manufacturer	Description	DCVout	Current	DCVout	Current	Watts	Efficiency %	DCVin
39801	RD-0505D3	MOTIEN	DC/DC Dual Output Converter (=TRACO_TEN3-0521)	-5V	-600mA	+5V	+600mA	3W	76%-82%	5V
48485	R6-0515D3	MOTIEN	DC/DC Dual Output Converter	-15V	-100mA	+15V	+100mA	3W	70%	4.5~9V



FEATURES:

- 7 Pin SIL / 14 Pin DIL package
- 1000 VDC Isolation
- Up to 6000VDC Isolation
- Low ripple and noise
- Efficiency up to 85%
- -40~85°C Operation temperature range
- Non-conductive black plastic case

Physical specifications

Weight: 2.7g
 Dimensions: SIP Case 0.24" x 0.46" x 0.38"
 DIP Case 0.50" x 0.40" x 0.27"

Output specifications

Voltage accuracy: ±3%
 Ripple & Noise (20 Mhz band width): 60mV pk-pk

General specifications

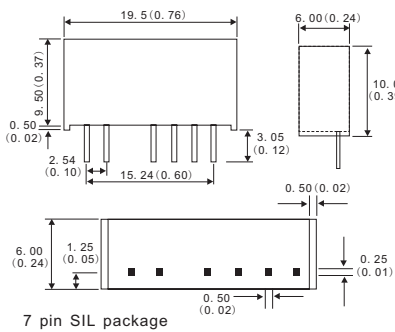
Safety standard: IEC 60950-1:2001/EN60950/UL60950

Environment specifications

Operating temperature: -40°C~85°C

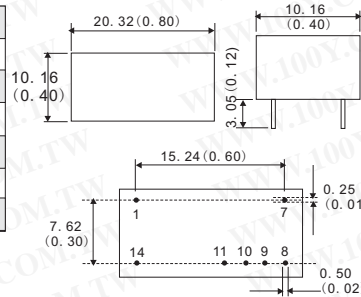


V1 Series



PIN NUMBER	SINGLE	DUAL	SINGLE-H	DUAL-H
1	+V Input	+V Input	+V Input	+V Input
2	-V Input	-V Input	-V Input	-V Input
4	-V output	-V output	N. P.	N. P.
5	N. P.	Common	-V output	-V output
6	+V output	+V output	N. P.	Common
7	N. P.	N. P.	+V output	+V output

7 Pin SIL Package



PIN NUMBER	SINGLE	DUAL	SINGLE-H	DUAL-H
1	-V Input	-V Input	-V Input	-V Input
7	N. C.	N. C.	N. C.	N. C.
8	N. P.	Common	+V output	+V output
9	+V output	+V output	N. P.	Common
10	N. P.	N. P.	-V output	-V output
11	-V output	-V output	N. P.	N. P.
14	+V Input	+V Input	+V Input	+V Input

14 Pin DIL Package

Part No.	Product No.	Manufacturer	Description	DCVout	Current	DCVout	Current	Watts	Efficiency %	DCVin
39946	V1-0505D	MOTIEN	DC/DC Dual Output Converter (=C&D_NMA 0505 D)	-5.0V	-100mA	+5.0V	+100mA	1W	74%	5V
39962	V1-0505SH	MOTIEN	DC/DC Dual Output Converter (=C&D_NMV 0505S)	-5V	-100mA	+5V	+100mA	1W	74%	5V
39947	V1-0512D	MOTIEN	DC/DC Dual Output Converter (=C&D_NMA 0512 D)	-12.0V	-41.67mA	+12.0V	+41.67mA	1W	78%	5V
39963	V1-0512SH	MOTIEN	DC/DC Dual Output Converter (=C&D_NMV 0512S)	-12V	-41.67mA	+12V	+41.67mA	1W	78%	5V
39948	V1-0515D	MOTIEN	DC/DC Dual Output Converter (=C&D_NMA 0515 D)	-15.0V	-33.33mA	+15.0V	+33.33mA	1W	80%	5V
38697	V1-0515S07	MOTIEN	DC/DC Converter	+15VDC	+25mA	-15VDC	-25mA	0.75W	77%	5VDC
39964	V1-0515SH	MOTIEN	DC/DC Dual Output Converter (=C&D_NMV 0515S)	-15V	-33.33mA	+15V	+33.33mA	1W	80%	5V
39950	V1-1205D	MOTIEN	DC/DC Dual Output Converter (=C&D_NMA 1205 D)	-5.0V	-100mA	+5.0V	+100mA	1W	75%	12V
39965	V1-1205SH	MOTIEN	DC/DC Dual Output Converter (=C&D_NMV 1205S)	-5V	-100mA	+5V	+100mA	1W	75%	12V
39951	V1-1212D	MOTIEN	DC/DC Dual Output Converter (=C&D_NMA 1212 D)	-12V	-41.67mA	+12V	+41.67mA	1W	78%	12V
39966	V1-1212SH	MOTIEN	DC/DC Dual Output Converter (=C&D_NMV 1205S)	-12V	-41.67mA	+12V	+41.67mA	1W	78%	12V
39953	V1-1215D	MOTIEN	DC/DC Dual Output Converter (=C&D_NMA 1215 D)	-15V	-33.33mA	+15V	+33.33mA	1W	78%	12V
39954	V1-2405D	MOTIEN	DC/DC Dual Output Converter (=C&D_NMA 2405 D)	-5V	-100mA	+5V	+100mA	1W	72%	24V
39955	V1-2412D	MOTIEN	DC/DC Dual Output Converter (=C&D_NMA 2412 D)	-12V	-41.67mA	+12V	+41.67mA	1W	78%	24V
39956	V1-2415D	MOTIEN	DC/DC Dual Output Converter (=C&D_NMA 2415 D)	-15V	-33.33mA	+15V	+33.33mA	1W	75%	24V



FEATURES:

- 7 Pin SIL / 14 Pin DIL Package
- 1000VDC Isolation
- Up to 5200 VDC Isolation
- Low Ripple and Noise
- Efficiency up to 85%
- -40~85°C Operation temperature range
- Non-conductive black plastic case

Physical specifications

Weight: 2.7g
 Dimensions: SIP Case 0.24" x 0.46" x 0.38"
 DIP Case 0.50" x 0.40" x 0.27"

Output specifications

Voltage accuracy: ±3%
 Ripple & Noise (20 Mhz band width): 60mV pk-pk

General specifications

Safety standard: IEC 60950-1:2001/EN60950/UL60950

Environment specifications

Operating temperature: -40°C~85°C



V3 Series



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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