



COMMERCIAL
DC/DC Converters
ISOLATED OUTPUTS

1 Watt / 2 Watt
Series: MD14

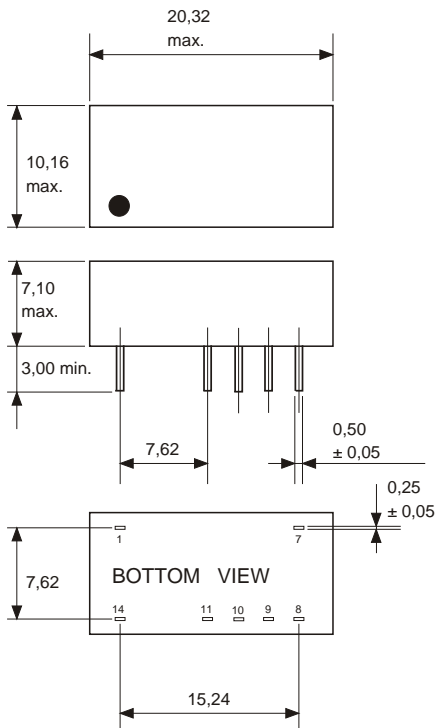
Unregulated
 Case style: DIP 14

Electrical specifications:

Input voltage accuracy:	+/- 10%	Short circuit protection:	1.0 second
Output voltage accuracy:	+/- 10%	Operating temperature:	-25°C to +85°C
Line regulation:	+/- 1% / +/- 1%	Isolation voltage:	min. 1000V DC
Load regulation:	+/- 10%		
Efficiency:	min. 60%		
Output Ripple & Noise:	1W:100mVp-p 2W:150mVp-p		

Part - No. Dual Output	Input Voltage DC	Output Voltage DC	1 Watt	2 Watt
			Output Current	Output Current
MD14-050505 MD14-051212 MD14-051515	5V	5V / 5V 12V / 12V 15V / 15V	100mA / 100mA 41mA / 41mA 33mA / 33mA	200mA / 200mA 83mA / 83mA 66mA / 66mA
MD14-120505 MD14-121212 MD14-121515	12V	5V / 5V 12V / 12V 15V / 15V	100mA / 100mA 41mA / 41mA 33mA / 33mA	200mA / 200mA 83mA / 83mA 66mA / 66mA
MD14-150505 MD14-151212 MD14-151515	15V	5V / 5V 12V / 12V 15V / 15V	100mA / 100mA 41mA / 41mA 33mA / 33mA	200mA / 200mA 83mA / 83mA 66mA / 66mA
MD14-240505 MD14-241212 MD14-241515	24V	5V / 5V 12V / 12V 15V / 15V	100mA / 100mA 41mA / 41mA 33mA / 33mA	200mA / 200mA 83mA / 83mA 66mA / 66mA

Any other output voltages available



PIN CONNECTION:	
PIN	DUAL
1	GND
7	NC
8	- Vout 1
9	+ Vout 1
10	- Vout 2
11	+ Vout 2
14	VCC

ALL DIMENSIONS IN MM
 Tolerance +/- 0.25mm
 All pins on a 2,54mm pitch.
 NC = No connection; NP = No pin

Note: Input and output capacitor
 4,7µF - 10µF recommended.
 Dot denotes pin 1

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!