



COMMERCIAL

1 Watt

Unregulated
 Case style: DIP 14

DC/DC Converters

Series: MD14-XXyyB/H

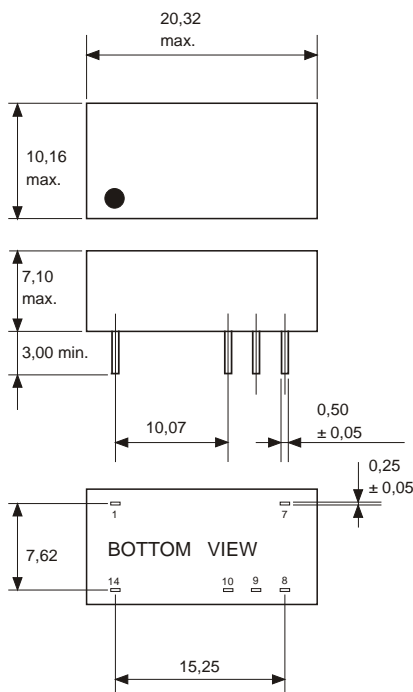
Electrical specifications:

Input voltage accuracy: +/- 10%
 Output voltage accuracy: +/- 10%
 Line Regulation: +/- 1,2% / +/- 1%
 Load Regulation: +/- 10%
 Efficiency: min. 70%.
 Output Ripple & Noise: 100mVp-p

Short circuit protection: 1.0 second
 Operating Temperature: -25°C to +85°C
 Isolation voltage: min. 3000V DC
 Isolation optional (Part-No. /H4): min. 4000V DC
 Case material: black plastic

Part - No. Single Output	Input Voltage	Output Voltage	Output Current	Part - No. Dual Output	Input Voltage	Output Voltage	Output Current
MD14-0505B/H MD14-0512B/H MD14-0515B/H	5V	5V 12V 15V	200mA 83mA 66mA	MD14-0505DB/H MD14-0512DB/H MD14-0515DB/H	5V	+/- 5V +/-12V +/-15V	+/-100mA +/- 42mA +/- 33mA
MD14-1205B/H MD14-1212B/H MD14-1215B/H	12V	5V 12V 15V	200mA 83mA 66mA	MD14-0505DB/H MD14-0512DB/H MD14-0515DB/H	12V	+/- 5V +/-12V +/-15V	+/-100mA +/- 42mA +/- 33mA
MD14-1505B/H MD14-1512B/H MD14-1515B/H	15V	5V 12V 15V	200mA 83mA 66mA	MD14-0505DB/H MD14-0512DB/H MD14-0515DB/H	15V	+/- 5V +/-12V +/-15V	+/-100mA +/- 42mA +/- 33mA
MD14-2405B/H MD14-2412B/H MD14-2415B/H	24V	5V 12V 15V	200mA 83mA 66mA	MD14-0505DB/H MD14-0512DB/H MD14-0515DB/H	24V	+/- 5V +/-12V +/-15V	+/-100mA +/- 42mA +/- 33mA

Any other output voltages available



PIN CONNECTION:		
PIN	SINGLE	DUAL
1	- IN	- IN
7	NC	NC
8	+ Vout	+ Vout
9	NP	GND
11	- Vout	- Vout
14	+ IN	+ IN

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!