



COMMERCIAL

1,25 Watt

Unregulated
 Case style: DIP 8

DC/DC Converters

Series: MD8

Electrical specifications:

Input voltage accuracy: +/- 10%
 Output voltage accuracy: +/- 10%
 Line regulation: +/- 1% / +/- 1%
 Load regulation: +/- 10%
 Efficiency: min. 70%
 Output Ripple & Noise: 1W: 50mVp-p

Short circuit protection: 1.0 second
 Operating temperature: -25°C to +85°C
 Isolation voltage: min. 1000V DC
 Isolation optional (Part-No. /H) min. 2kV DC

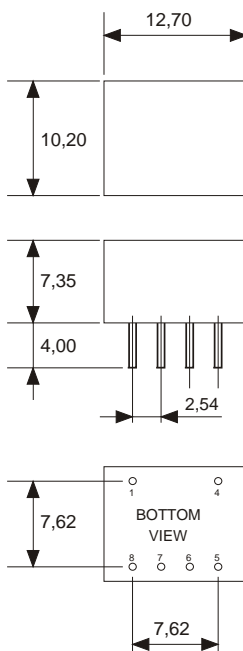
Part-Nr. /2 0,25W ; /5 0,5W ; /7 0,75W output power

Part - No. Single Output	Input Voltage	Output Voltage	Output Current	Part - No. Dual Output	Input Voltage	Output Voltage	Output Current
MD8-0505	5V	5V	250mA	MD8-0505D	5V	+/- 5V	+/-125mA
MD8-0512		12V	104mA	MD8-0512D		+/-12V	+/- 52mA
MD8-0515		15V	83mA	MD8-0515D		+/-15V	+/- 42mA
MD8-1205	12V	5V	250mA	MD8-1205D	12V	+/- 5V	+/-125mA
MD8-1212		12V	104mA	MD8-1212D		+/-12V	+/- 52mA
MD8-1215		15V	83mA	MD8-1215D		+/-15V	+/- 42mA
MD8-1505	15V	5V	250mA	MD8-1505D	15V	+/- 5V	+/-125mA
MD8-1512		12V	104mA	MD8-1512D		+/-12V	+/- 52mA
MD8-1515		15V	83mA	MD8-1515D		+/-15V	+/- 42mA
MD8-2405	24V	5V	250mA	MD8-2405D	24V	+/- 5V	+/-125mA
MD8-2412		12V	104mA	MD8-2412D		+/-12V	+/- 52mA
MD8-2415		15V	83mA	MD8-2415D		+/-15V	+/- 42mA
MD8-2424		24V	50mA				

Any other output voltages available

Note: Input and output capacitor
 4,7µF - 10µF recommended.

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!



PIN CONNECTION:				
PIN	SINGLE	SINGLE A*	DUAL	DUAL/X
1	- IN	- IN	- IN	- IN
4	+ IN	+ IN	+ IN	+ IN
5	+ Vout	+ Vout	+ Vout	+ Vout
6	NC	NP	COM	NP
7	NP	- Vout	NP	COM
8	- Vout	NP	- Vout	- Vout

Add "A" to the end of partnumber.
 For example MD8-0505A

ALL DIMENSIONS IN MM
 Tolerance +/- 0,25mm
 All pins on a 2,54mm pitch.
 Pin size is 0,5mm (0,020 inch) DIA
 NC = No connection; NP = No pin