

Regulated
 Case style: DIP 14

COMMERCIAL DC/DC Converters

0,5 - 1 Watt
 Series: MR14

Electrical specifications:

Input voltage range: +/- 5%
 Output voltage accuracy: +/- 5%
 Line Regulation: +/- 1% max.
 Load Regulation: +/- 1% max.
 Efficiency: min. 50%
 Output Ripple & Noise: typ. 50mVp-p

Short circuit protection: 1.0 second
 Operating Temperature: -40°C to +70°C
 Isolation voltage: min. 1000V DC
 Optional Part-No.: /H min. 2000V DC

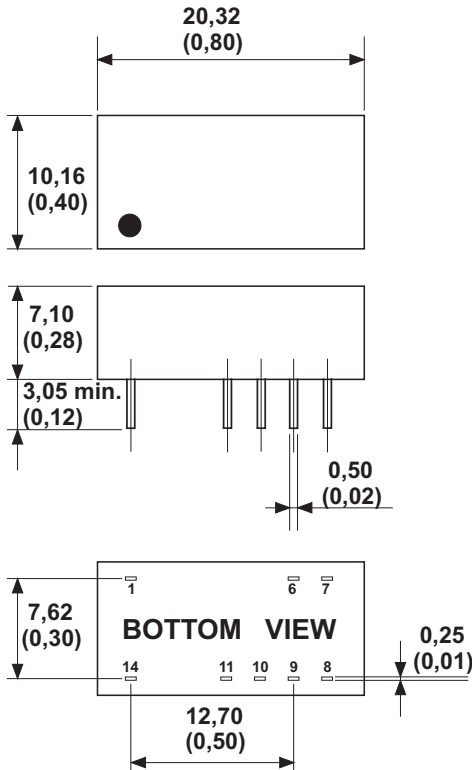
Part-No.: /5 0,5W output power
 Part-No.: /7 0,75W output power

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!

1 Watt				1 Watt			
Part-No. Single Output	Input Voltage DC	Output Voltage DC	Output Current	Part-No. Dual Output	Input Voltage DC	Output Voltage DC	Output Current
MR14-0505	5V	5V	200mA	MR14-0505D	5V	± 5V	±100mA
MR14-0509		9V	111mA	MR14-0509D		± 9V	± 56mA
MR14-0512		12V	84mA	MR14-0512D		±12V	± 42mA
MR14-0515		15V	66mA	MR14-0515D		±15V	± 33mA
MR14-1205	12V	5V	200mA	MR14-1205D	12V	± 5V	±100mA
MR14-1209		9V	111mA	MR14-1209D		± 9V	± 56mA
MR14-1212		12V	84mA	MR14-1212D		±12V	± 42mA
MR14-1215		15V	66mA	MR14-1215D		±15V	± 33mA
MR14-1505	15V	5V	200mA	MR14-1505D	15V	± 5V	±100mA
MR14-1509		9V	111mA	MR14-1509D		± 9V	± 56mA
MR14-1512		12V	84mA	MR14-1512D		±12V	± 42mA
MR14-1515		15V	66mA	MR14-1515D		±15V	± 33mA
MR14-2405	24V	5V	200mA	MR14-2405D	24V	± 5V	±100mA
MR14-2409		9V	111mA	MR14-2409D		± 9V	± 56mA
MR14-2412		12V	84mA	MR14-2412D		±12V	± 42mA
MR14-2415		15V	66mA	MR14-2415D		±15V	± 33mA

Input voltage range ±10% on request

Any other input & output voltages available



PIN CONNECTION:			
PIN	Single A	Single	Dual
1	+ IN	- IN	- IN
6	NP	NP	+Vout
7	+ Vout	NP	COM
8	- Vout	NP	-Vout
9	NC	+ Vout	COM
10	NP	CTRL	NP
11	NP	- Vout	NP
14	- IN	+ IN	+ IN

Add "A" to the end of partnumber.
 For example MR14-0512A

ALL DIMENSIONS IN MM (INCHES)
 MILLIMETERS = +/- 0,50mm
 (INCHES = +/- 0,02")
 All Pins on a 2,54mm pitch.

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

Specification may be changed without notice
 please contact office for verification

We can offer EMC - Filter
 according to EN55011/22 Class B.