

Stand: 16/20

Regulated
 Case style: DIP 14

COMMERCIAL-INDUSTRIAL DC/DC Converters

0,5 - 1 Watt
 Series: MR14

Electrical specifications:

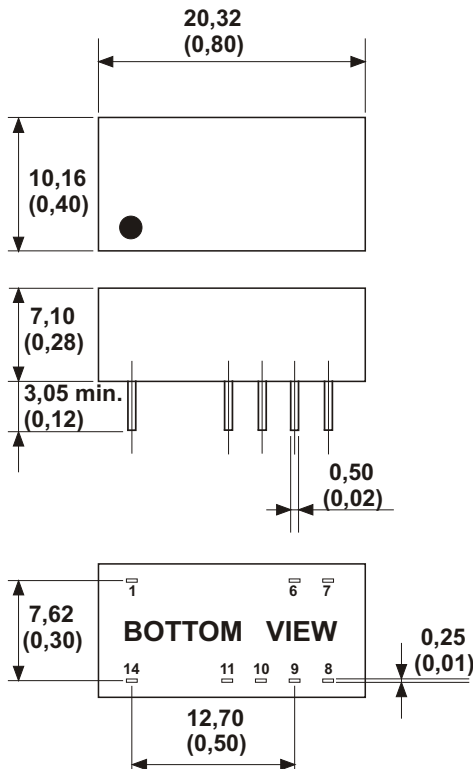
Input voltage range: +/- 5%
 Output voltage accuracy: +/- 5%
 Line Regulation: +/- 1% max.
 Load Regulation: +/- 1% max.
 Efficiency: up to. 68%
 Output Ripple & Noise: max. 100mVp-p

Short circuit protection: 1.0 second
 Optional Part No.: /S continuous
 Operating Temperature: -40°C to +71°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			
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 MR14-0509 MR14-0512 MR14-0515	5V	5V 9V 12V 15V	200mA 111mA 84mA 66mA	MR14-0505D MR14-0509D MR14-0512D MR14-0515D	5V	± 5V ± 9V ±12V ±15V	±100mA ± 56mA ± 42mA ± 33mA
MR14-1205 MR14-1209 MR14-1212 MR14-1215	12V	5V 9V 12V 15V	200mA 111mA 84mA 66mA	MR14-1205D MR14-1209D MR14-1212D MR14-1215D	12V	± 5V ± 9V ±12V ±15V	±100mA ± 56mA ± 42mA ± 33mA
MR14-1505 MR14-1509 MR14-1512 MR14-1515	15V	5V 9V 12V 15V	200mA 111mA 84mA 66mA	MR14-1505D MR14-1509D MR14-1512D MR14-1515D	15V	± 5V ± 9V ±12V ±15V	±100mA ± 56mA ± 42mA ± 33mA
MR14-2405 MR14-2409 MR14-2412 MR14-2415	24V	5V 9V 12V 15V	200mA 111mA 84mA 66mA	MR14-2405D MR14-2409D MR14-2412D MR14-2415D	24V	± 5V ± 9V ±12V ±15V	±100mA ± 56mA ± 42mA ± 33mA



Any other input & output voltages available

Input voltage range ±10% on request

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.