



COMMERCIAL

0,30Watt
 2,25Watt

Unregulated

Case style: DIP 16

DC/DC Converters

Series: MD16

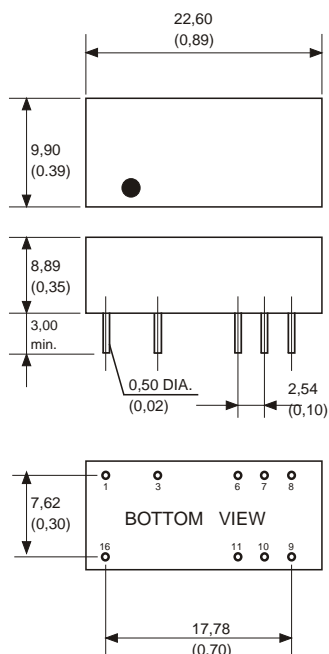
Electrical specifications:

Input voltage accuracy: +/- 10%
 Output voltage accuracy: +/- 10%
 Line regulation: +/- 1% / +/- 1%
 Load regulation: +/- 10%
 Efficiency: min. 70%

Output Ripple & Noise: typ. 50mVp-p
 Short circuit protection: 1.0 second
 Operating temperature: -25°C to +70°C
 Isolation voltage: min. 1000V DC

0,3 Watt				2,25 Watt			
Part - No. Single Output	Input Voltage	Output Voltage	Output Current	Part - No. Single Output	Input Voltage	Output Voltage	Output Current
MD16-0505A	5V	5V	60mA	MD16-0505	5V	5V	450mA
MD16-0509A		9V	33mA	MD16-0509		9V	250mA
MD16-0512A		12V	25mA	MD16-0512		12V	188mA
MD16-0515A		15V	20mA	MD16-0515		15V	150mA
MD16-1205A	12V	5V	60mA	MD16-1205	12V	5V	450mA
MD16-1209A		9V	33mA	MD16-1209		9V	250mA
MD16-1212A		12V	25mA	MD16-1212		12V	188mA
MD16-1215A		15V	20mA	MD16-1215		15V	150mA
MD16-1505A	15V	5V	60mA	MD16-1505	15V	5V	450mA
MD16-1509A		9V	33mA	MD16-1509		9V	250mA
MD16-1512A		12V	25mA	MD16-1512		12V	188mA
MD16-1515A		15V	20mA	MD16-1515		15V	150mA
MD16-2405A	24V	5V	60mA	MD16-2405	24V	5V	450mA
MD16-2409A		9V	33mA	MD16-2409		9V	250mA
MD16-2412A		12V	25mA	MD16-2412		12V	188mA
MD16-2415A		15V	20mA	MD16-2415		15V	150mA

Any other output voltages available



PIN CONNECTION:			
PIN	SINGLE	PIN	SINGLE A*
1 & 16	- IN	3	- IN
6 & 11	- Vout	8	- Vout
7 & 10	+ Vout	9	+ Vout
8 & 9	+ IN	16	+ IN

* For other pinning:
 Add "A" to the end of Partnumber.
 For example MD16-0505A 0,3Watt.

ALL DIMENSIONS IN MM (INCHES)
 MILLIMETERS +/- 0,25mm
 (INCHES +/- 0,01")
 All pins on a 2,54mm pitch.

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!

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