

RCC Mode converter
 Case style: 2" x 1"

INDUSTRIAL DC/DC Converters

6 Watt
 Series: ERW2

Electrical specifications:

Operating temperature: -40°C up to +105°C
 Ambient temperature: -40°C to +71°C
 Input voltage: 4,5 - 6V
 Output voltage accuracy: +/- 3%
 Line regulation: +/- 0,2%
 Load regulation: +/-1%
 Efficiency: up to 78%
 Short circuit protection: fully protected
 Output Ripple / Noise: typ. 50mV / 150mVp-p

Insulation test voltage: 1000V DC
 Part-Nr. /3: 3kV AC rms
 with 3,3V Output voltage/ output wattage
 reduced to 4 Watt

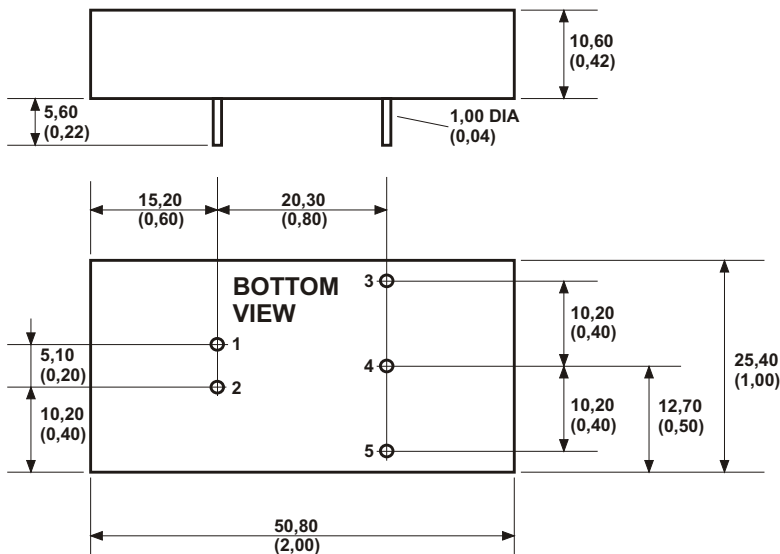
Five sided metal shield
 Input frequency varies along with input voltage
 and load between 200kHz - 550kHz
 Part-No. /5 External -IN & -OUT / COM connection allowed

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!

Part - No. Single	Input Voltage	Output Voltage	Output Current	Part - No. Dual	Input Voltage	Output Voltage	Output Current
ERW2-0503,3	5V DC	3,3V	1818mA	ERW2-0505D	5V DC	± 5V	±600mA
ERW2-0505	(4,5-6V)	5V	1200mA	ERW2-0512D	(4,5-6V)	±12V	±250mA
ERW2-0512		12V	500mA	ERW2-0515D		±15V	±200mA
ERW2-0515		15V	400mA				

A MUST: Input capacitor 1000µF/10V
 & output capacitor 2000µF
 (2x1000µF or 4x470µF)
 for 3,3V and 5V output !!

Any other output voltages available



PIN	PIN CONNECTION:	
	Single	Dual
1	+ Input	+ Input
2	- Input	- Input
3	+ Output	+ Output
4	NP	Common
5	- Output	- Output

ALL DIMENSIONS IN MM (INCHES)
 MILLIMETERS +/- 0,5mm
 (INCHES +/- 0,02")

Specification may be changed without notice
 please contact office for verification

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

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 Series: ERW2

Electrical specifications:

Operating temperature: -40°C up to +105°C
 Ambient temperature: -40°C to +71°C
 Input voltage: wide 1:2
 Output voltage accuracy: +/- 3%
 Line regulation: +/- 0,5%
 Load regulation: +/-1%
 Efficiency: typ. 73%

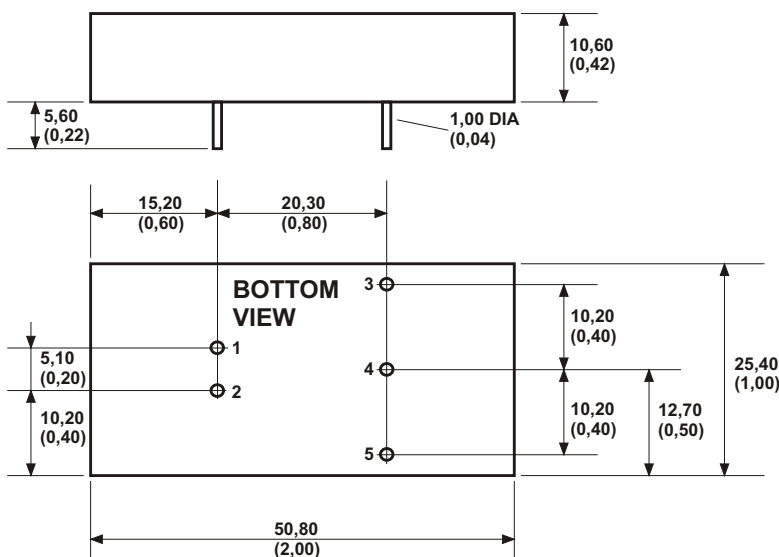
Short circuit protection: fully protected
 Output Ripple / Noise: typ. 50mV / 250mVp-p
 Insulation test voltage: 1kV AC rms
 Input frequency varies along with input voltage
 and load between 200kHz - 700kHz

Case material: Polycarbonate
 Part-No.: /M metal case
 Part-No.: /5 External -IN & -OUT
 connection allowed
 Part-No.: /3 Insulation test voltage 3kV AC rms
 Part-No.: /E Double Section Transformer

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!

Part - No. Single	Input Voltage	Output Voltage	Output Current
ERW2-6024	40-80V Input capacitor 4,7µF/100V is a must	24V Output capacitor 220µF/35V is a must	250mA
ERW2-8015	60-100V Input capacitor 4,7µF/100V is a must	15V Output capacitor 330µF/35V is a must	400mA ground load: 5mA is a must

Any other in & output voltages available



PIN	PIN CONNECTION:
1	+ Input
2	- Input
3	+ Output
4	NP
5	- Output

ALL DIMENSIONS IN MM (INCHES)
 MILLIMETERS +/- 0,5mm
 (INCHES +/- 0,02")

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