

single ended forward  
 wide input range 1:2  
 case style: 2" x 1"

## AUTOMOTIVE DC/DC Converters PWM - regulated

6 Watt  
 Series: EAW2

### Electrical specifications:

Input voltage: wide 1 : 2  
 Output voltage accuracy: +/- 3%  
 Line regulation: +/- 0,1%  
 Load regulation: +/- 1,3%  
 Efficiency@12Vin: up to 77%

Insulation test voltage: 1000V DC  
 Short circuit protection: continuous  
 Operating temperature: -55°C up to +105°C  
 Ambient temperature: -55°C to +85°C  
 Output ripple: 50mVp-p  
 five sided metal shield

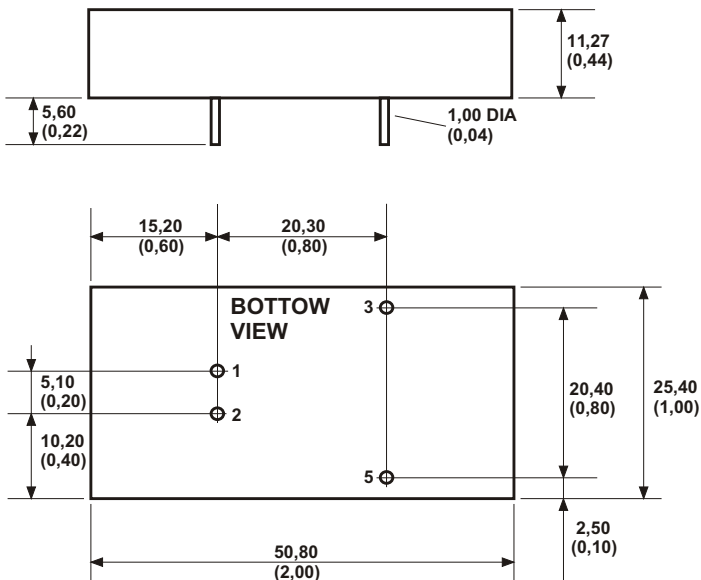
CAUTION: NO INPUT POLARITY CHANGE ALLOWED!

Part-No.	Input voltage	Output voltage	Output current
EAW2-12yy	12V (9-18V)	3,3V 5V 9V	1800mA 1200mA 666mA
EAW2-24yy	24V (18-36V)	12V 15V	500mA 400mA

\* Attention: Initial start-up requires  $U_{in}$  min. 10V, then  $U_{in}$  can drop down to min. 9V without leaving output tolerance.

Any other output voltages available

min. load 60mA requested



PIN CONNECTION:	
	Single
1	+ Input
2	- Input
3	+ Output
4	NO PIN
5	- Output

All specifications typical @  $T_a$  +25°C  
 Nom. Vin & full load, unless otherwise specified!

ALL DIMENSIONS IN MM (INCHES)  
 MILLIMETERS +/-0,25mm  
 (INCHES +/- 0,01")

Specification may be changed without notice  
 please contact office for verification

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