

Regulated  
 Case Style: DIL24

## COMMERCIAL DC/DC Converters AUTO - INSERTABLE

1,8 Watt / 3 Watt  
 Series: B

### Electrical specifications:

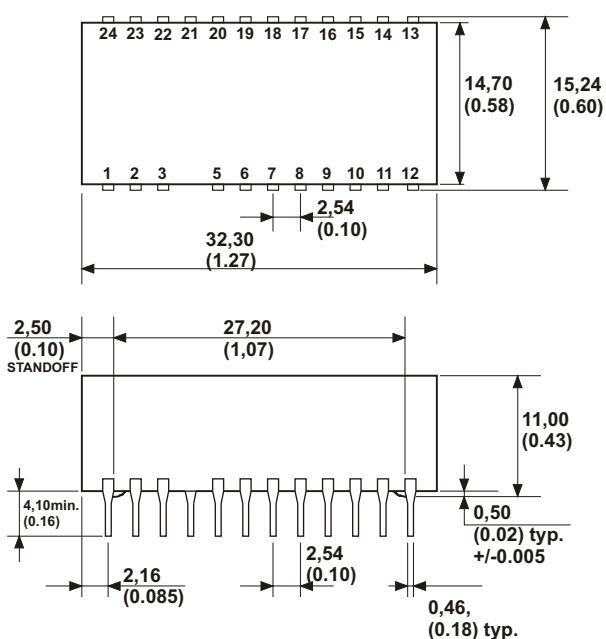
Input voltage range: +/- 10%  
 Output voltage accuracy: +/- 5%  
 Line regulation: +/- 0,3%  
 Load regulation: +/- 0,5%  
 Efficiency: min. 50%

Output Ripple & Noise: typ. 50mVp-p  
 Short circuit protection: 1,0 second  
 Operating temperature: -40°C to +70°C  
 Isolation voltage: min. 500V DC

**CAUTION: NO INPUT POLARITY CHANGE ALLOWED!**

Single Output					1,8 Watt	3 Watt	Dual Output				
Part - No.	Input Voltage	Output Voltage	Output current	Output current	Part - No.	Input Voltage	Output Voltage	Output current	Output current		
B-0505	5V	5V	360mA	600mA	B-0505D	5V	+/- 5V	+/-180mA	+/-300mA		
B-0509		9V	200mA	330mA	B-0512D		+/-12V	+/- 75mA	+/-125mA		
B-0512		12V	150mA	250mA	B-0515D		+/-15V	+/- 60mA	+/-100mA		
B-0515		15V	120mA	200mA							
B-1205	12V	5V	360mA	600mA	B-1205D	12V	+/- 5V	+/-180mA	+/-300mA		
B-1209		9V	200mA	330mA	B-1212D		+/-12V	+/- 75mA	+/-125mA		
B-1212		12V	150mA	250mA	B-1215D		+/-15V	+/- 60mA	+/-100mA		
B-1215		15V	120mA	200mA							
B-1505	15V	5V	360mA	600mA	B-1505D	15V	+/- 5V	+/-180mA	+/-300mA		
B-1512		12V	150mA	250mA	B-1512D		+/-12V	+/- 75mA	+/-125mA		
B-1515		15V	120mA	200mA	B-1515D		+/-15V	+/- 60mA	+/-100mA		
B-2405	24V	5V	360mA	600mA	B-2405D	24V	+/- 5V	+/-180mA	+/-300mA		
B-2412		12V	150mA	250mA	B-2412D		+/-12V	+/- 75mA	+/-125mA		
B-2415		15V	120mA	200mA	B-2415D		+/-15V	+/- 60mA	+/-100mA		

**Any other input & output voltages available**



PIN CONNECTION		
PIN	SINGLE	DUAL
1 & 24	+ IN	+ IN
2 & 23	NC	-Vout
3 & 22	NC	COM
4	NP	NP
10 & 15	- Vout	COM
11 & 14	+Vout	+Vout
12 & 13	- IN	- IN

ALL DIMENSIONS IN MM (INCHES)  
 MILLIMETERS +/- 0,25mm  
 (INCHES +/-0,01")  
 All pins on a 2,54mm pitch  
 Note: NP = No pin; NC = No connection;  
 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.