



COMMERCIAL
DC/DC Converters

1,8Watt / 3 Watt

Regulated
 Case Style: DIL24

AUTO - INSERTABLE

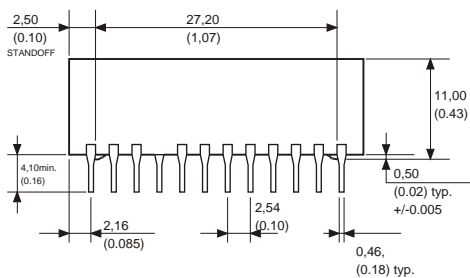
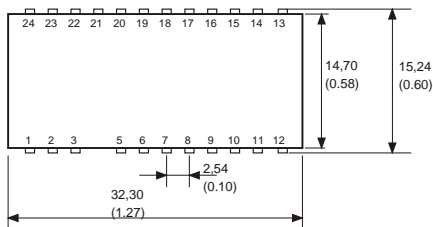
Series: B

Electrical specifications:

Input voltage accuracy: +/- 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: -25°C to +70°C
 Isolation voltage: min. 500V DC

Single Output					1,8 Watt	3 Watt	Dual Output					1,8 Watt	3 Watt
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		



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

CAUTION NO INPUT POLARITY CHANGE ALLOWED!

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