

COMMERCIAL DC/DC Converters AUTO - INSERTABLE / SMD

Stand: 26/07

Regulated
Case Style: DIP24

3 Watt
Series: BW2
single / dual output

Electrical specifications:

Input voltage range: wide 2:1
Output voltage accuracy: max. +/- 2%.
Line regulation: max. +/- 0,2%
Load regulation (10% to 100% load): max. +/- 0,5%
Efficiency: up to 87%

Output Ripple & Noise @ 20MHz BW:
Short circuit protection:
Operating temperature:
Isolation voltage: max. 70mVp-p continuous
-40°C to +80°C
min. 1000V DC

Part-Nr.: -SMD

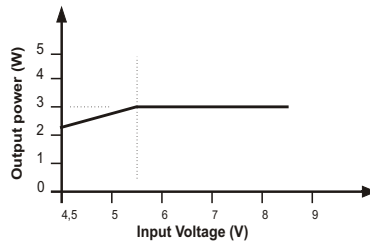
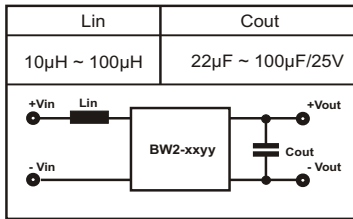
SMD-package
(Dual Output on request)

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!

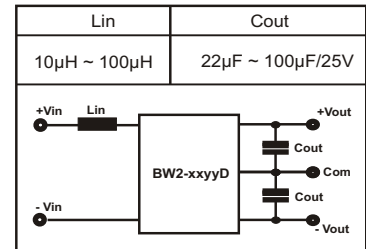
Part - No. Single Output	Input Voltage	Output Voltage	Output Current	Part - No. Dual Output	Input Voltage	Output Voltage	Output Current
BW2-xx03,3	5V (4,5-9V)	3,3V	650mA	BW2-xx05D	5V (4,5-9V)	+/- 5V	+/-300mA
BW2-xx05	12V (9-18V)	5V	600mA	BW2-xx09D	12V (9-18V)	+/- 9V	+/-167mA
BW2-xx09	24V (18-36V)	9V	333mA	BW2-xx12D	24V (18-36V)	+/-12V	+/-125mA
BW2-xx12	48V (36-72V)	12V	250mA	BW2-xx15D	48V (36-72V)	+/-15V	+/-100mA
BW2-xx15		15V	200mA				

Any other output voltages available

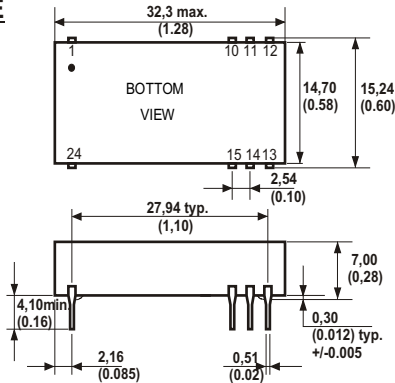
Recommended Circuit for Reduced Ripple



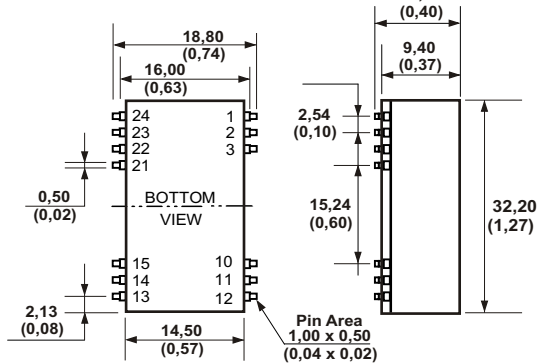
Recommended Circuit for Reduced Ripple



SINGLE



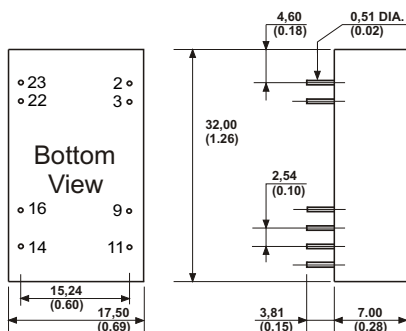
SINGLE-SMD:



PIN CONECTION

PIN	SINGLE
1	+ Vin
10	-Vout
11	+Vout
12	- Vin
13	- Vin
14	+Vout
15	- Vout
24	+ Vin
others	NC

DUAL



PIN	DUAL
2	- Vin
3	- Vin
9	Com
11	-Vout
14	+Vout
16	Com
22	+ Vin
23	+ Vin
others	NC

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.