

# COMMERCIAL DC/DC Converters PWM - regulated

**15 Watt  
 Series: FW2- /G**

**Wide input range 2:1  
 Case style: 1" x 1"**

**Electrical specifications:**

Input voltage: wide 2:1  
 Input Pi-Filter:  
 Output voltage accuracy: +/- 2%  
 Line regulation: +/- 0,5%  
 Load regulation: +/- 0,5%  
 Minimum load: 10% of full load  
 Overload protection: 150% typ.

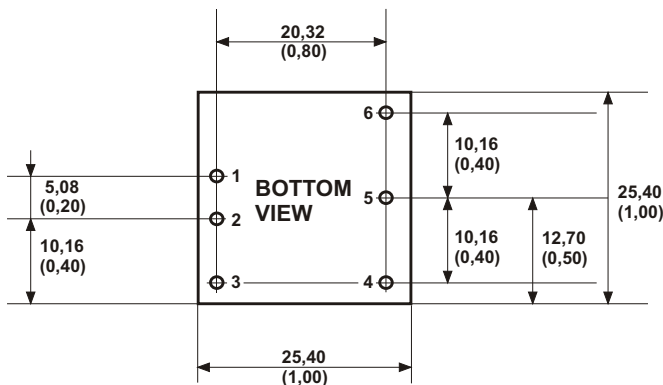
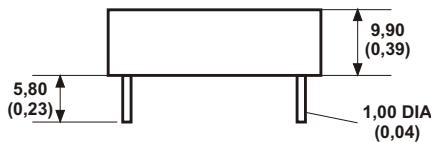
Efficiency: typ. 88%  
 Output Ripple & Noise: max. 100mVp-p  
 Short circuit protection: continuous  
 Operating temperature: -40°C to +100°C  
 Derating: 2,5% /°C from +60°C  
 Isolation voltage: min. 1500V DC  
 Switching Frequency: 400KHz typ.

Six-sided metal shield

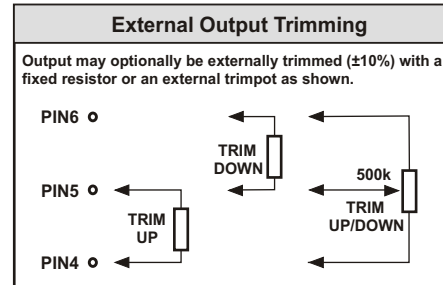
**CAUTION: NO INPUT POLARITY CHANGE ALLOWED!**

Part - No. Single	Input Voltage	Output Voltage	15 Watt
			Output Current
FW2-1205/G	12V DC (9-18V)	5V	3000mA
FW2-1212/G		12V	1250mA
FW2-1215/G		15V	1000mA
FW2-2405/G	24V DC (18-36V)	5V	3000mA
FW2-2412/G		12V	1250mA
FW2-2415/G		15V	1000mA
FW2-4803,3/G	48V DC (36-75V)	3,3V	4000mA
FW2-4805/G		5V	3000mA
FW2-4812/G		12V	1250mA
FW2-4815/G		15V	1000mA

Any other output voltages available  
 (for example 6,3V)



Remote On/Off Control	
Control Input	PIN3
Control Common	PIN2
Control Voltage	
ON	>+2,5VDC or Open Circuit
OFF	<+0,5VDC or Jumper to PIN 2
Converter Shutdown Idle Current	10mA
Logic Compatibility	CMOS or Open Collector TTL



**PIN CONNECTION:**

PIN	Single
1	+ Input
2	- Input
3	Remote On/Off
4	- Output
5	Trim
6	+ Output

ALL DIMENSIONS IN MM (INCHES)  
 MILLIMETERS +/-0,8mm  
 (INCHES +/- 0,03")

Specification may be changed without notice  
 please contact office for verification

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