

Regulated  
 Case Style: SIP 12

# INDUSTRIAL DC/DC Converters Step down

6 Watt  
 Series: FPID

### Electrical specifications:

Input voltage: wide  
 Output voltage accuracy: +/- 2%  
 Regulation: +/- 2%  
 Operating temperature: -40°C to +85°C  
 Storage temperature: -40°C to +105°C

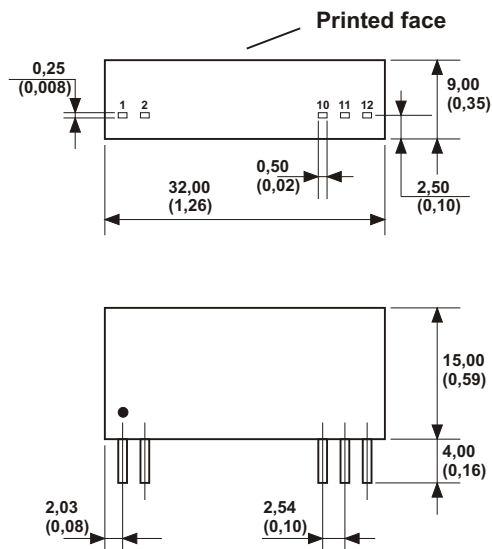
Temperature coefficient: +/-0,02% / °C  
 Ripple with additional capacity 220µF: 40mVp-p  
 Insulation voltage: none  
 Efficiency: up to 92%

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

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

Part No.: Single	Input voltage DC	Output voltage DC	Output current mA
FPID/U 5	9 - 32V	5V	500
FPID/U 12	18 - 32V	12V	500
FPID/U 15	21 - 32V	15V	400

Any other in & output voltages available



PIN CONNECTION	
PIN	Single
1	+ IN
2	- IN
10	GND
11	NC
12	+ Vout

**Input capacitor 220µF min. &  
 output capacitor 470µF min. Necessary**

ALL DIMENSIONS IN MM (INCHES)  
 MILLIMETERS +/- 0,50mm  
 (INCHES +/- 0,02")  
 All pins on a 2,54mm pitch  
 Note: NC = No connection;  
 Dot denote pin 1

Specification may be changed without notice  
 please contact office for verification

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