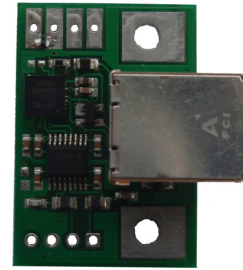


C5002C

Features

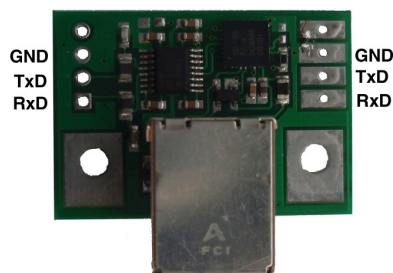
- RS232 - USB conversion.
- Virtual COM port device driver.
- ESD surge protection: $\pm 8\text{kv}$ contact discharge, $\pm 15\text{kv}$ air gap discharge.
- LC filters on RS232 RxD and TxD lines.
- USB bus powered, 18.7mA.
- Fixed and programmable RS232 settings.



Specifications

USB	USB specification 2.0 compliant USB type B receptacle connector USB full speed 12Mbps transmission
RS232	Signals: RxD, TxD, GND Receiver RxD input voltage range: -25v to +25v Transmitter TxD output voltage swing: -5.7v to +5.7v Connector: 2.54mm pitch solder pads for 4-pin connector and 4-conductor cable. Baud rate: 1200bps to 115200bps Parity: Even, Odd, None, Mark, Space Data length: 5-bit, 6-bit, 7-bit, 8-bit Stop bits: 1-bit, 2-bit
Grounding	USB connector is floating. Grounding pads are provided.
Power	USB bus powered, 18.7mA
Software	32-bit and 64-bit virtual COM port device driver for Microsoft Windows 8, Windows 7, Windows Vista, Windows XP.
Mounting	Chassis mount
Part Number	C5002C RS232 programmable, support all settings. C5002C-96 RS232 setting: 9600bps, 8-bit, No parity, 1-bit stop. C5002C-19 RS232 setting: 19200bps, 8-bit, No parity, 1-bit stop. C5002C-11 RS232 setting: 115200bps, 8-bit, No parity, 1-bit stop.
Operating temperature range: -40°C TO +85°C	

RS232 Connector Definition



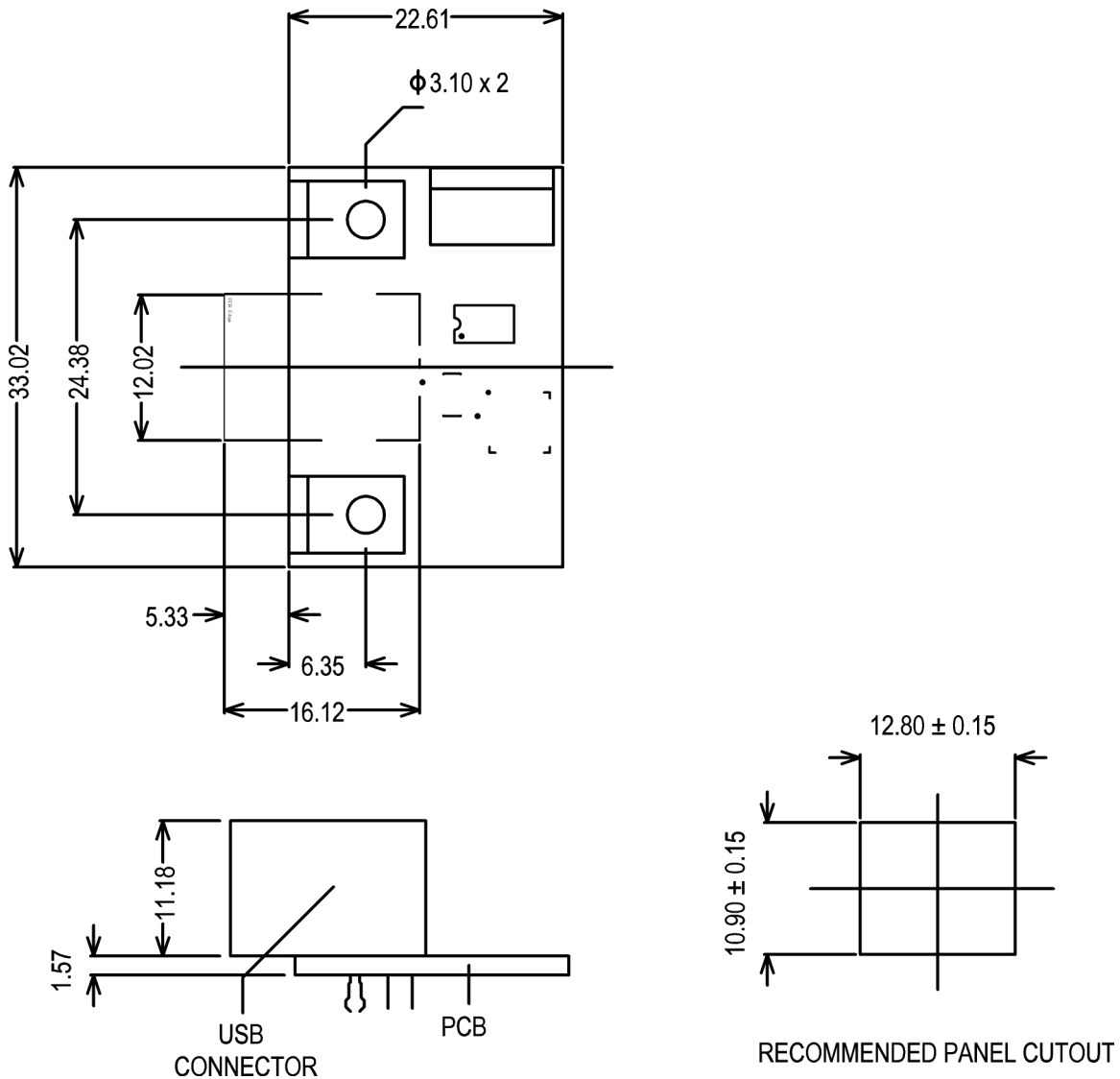
Software Installation

The software package is supplied in a compressed folder file named *USB_COM_1P_Driver* or a CD. Here are the installation steps.

DEVICE FUNCTIONS

1. If you have file *USB_COM_1P_Driver*, rename *USB_COM_1P_Driver* to *USB_COM_1P_Driver.zip*, extract all files to a file folder on your local disk or USB drive, double click *setup.exe* to start software installation.
2. If you have the software CD, insert the software CD into your computer's disc drive, the software installation will start automatically.
3. Follow the on-screen instructions until the setup wizard finishes.
4. Connect USB module to the computer's USB port with an USB cable.
5. Follow the on-screen instructions if any to complete the software installation.

Drawings (mm, tolerance ± 0.3 unless otherwise specified)



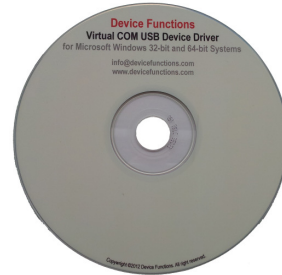
DEVICE FUNCTIONS

Accessory

SWD001

Virtual COM USB device driver CD

The virtual COM port device driver supports 32-bit (x86) and 64-bit (x64) Microsoft Windows 8, Windows 7, Windows Vista, Windows XP.



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