DEVICE FUNCTIONS

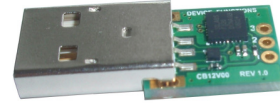## C5004Z

Features

- RS232 - USB conversion.
- Virtual COM port device driver.
- ESD surge protection: ±8kv contact discharge, ±15kv air gap discharge.
- LC filters on RS232 RxD and TxD lines.
- USB bus powered, 17.5mA.

Specifications

USB	USB specification 2.0 compliant
	USB type A plug 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, single row, 3 ∅1.02mm solder pads
	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 grounded
Power	USB bus powered, 17.5mA
Software	32-bit and 64-bit virtual COM port device driver for Microsoft Windows 8, Windows 7, Windows Vista, Windows XP.

Operating temperature range: -40℃ TO +85℃

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.

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.
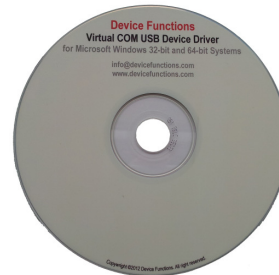
RS232 Connector Definition

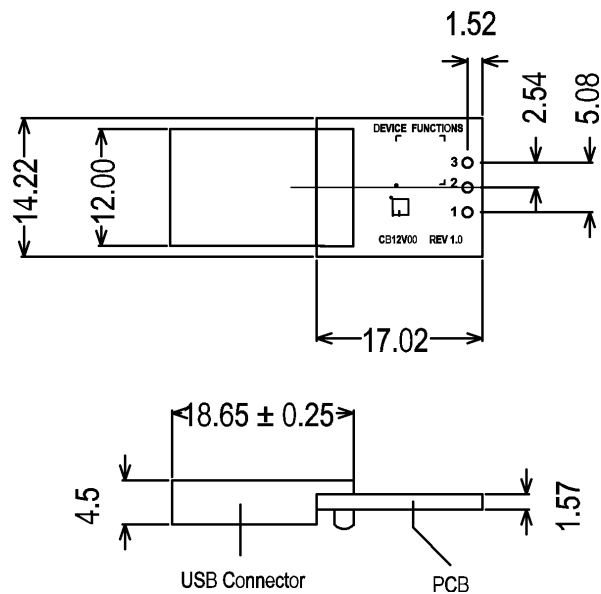# DEVICE FUNCTIONS

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.

Drawings (mm, tolerance ±0.3 unless otherwise specified)