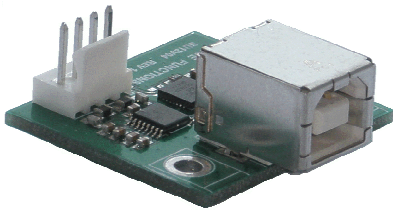


**R0068C5001C**

**Features**

- RS232 - USB conversion.
- COM port device drivers.
- Remote access over network and Internet.
- Support multiple devices on the same computer.
- Support two users at the same time.
- Network connection tools (option).
- Virtual private network (VPN) connection tools (option).
- 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, 17mA.



**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: -5.4v to +5.4v Connector: 2.54mm pitch, single row, 4-pin connector 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, 17mA
Software	32-bit and 64-bit COM port device drivers and the adapter manager for Microsoft Windows 8, Windows 7, Windows Vista, Windows XP.
Mounting	Chassis mount
Part Number	

R0068CS5001C-B	RS232 programmable, support all settings.
R0068CS5001C-P	RS232 programmable, support all settings. Network connection tools Virtual private network (VPN) connection tools
R0068CS5001C-B-96	RS232 setting: 9600bps, 8-bit, No parity, 1-bit stop.
R0068CS5001C-P-96	RS232 setting: 9600bps, 8-bit, No parity, 1-bit stop. Network connection tools Virtual private network (VPN) connection tools
R0068CS5001C-B-11	RS232 setting: 115200bps, 8-bit, No parity, 1-bit stop.
R0068CS5001C-P-11	RS232 setting: 115200bps, 8-bit, No parity, 1-bit stop. Network connection tools Virtual private network (VPN) connection tools

Operating temperature range: -40°C TO +85°C

**RS232 Connector Definition**

Refer to USB module CS5001C datasheet *cs5001.pdf*.

# DEVICE FUNCTIONS

## Drawing (mm, tolerance $\pm 0.3$ )

Refer to USB module CS5001C datasheet *cs5001.pdf*.

## Software Installation

The software package is supplied in a compressed folder file named *r0068\_drivers* or a CD. Here are the installation steps.

1. If you have file *r0068\_drivers*, rename *r0068\_drivers* to *r0068\_drivers.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.

## Software Usage

Refer to *R0068 USB-RS232 Adapters* datasheet *r0068.pdf*.

## Accessories

### CL310

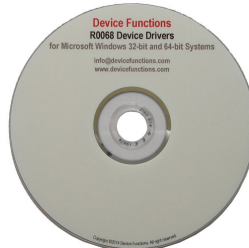
3 conductor 25cm to 50cm cable with 4 pin connector. The cable length is 25cm unless otherwise specified.



### SWD002

R0068 device driver CD

The COM port device drivers and the adapter manager supports 32-bit (x86) and 64-bit (x64) Microsoft Windows 8, Windows 7, Windows Vista, Windows XP.



©2014 Device Functions. All right reserved.