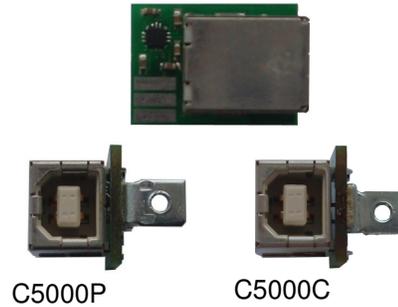


DEVICE FUNCTIONS

C5000C and C5000P

Features

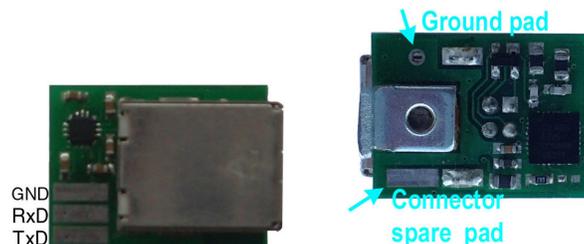
- RS232 - USB conversion.
- Virtual COM port device driver.
- ESD surge protection: $\pm 8\text{kV}$ contact discharge, $\pm 15\text{kV}$ air gap discharge.
- LC filters on RS232 Rx/D and Tx/D lines.
- USB bus powered, 17.5mA.
- Mounting bracket installed.
- Fixed and programmable RS232 settings.



Specifications

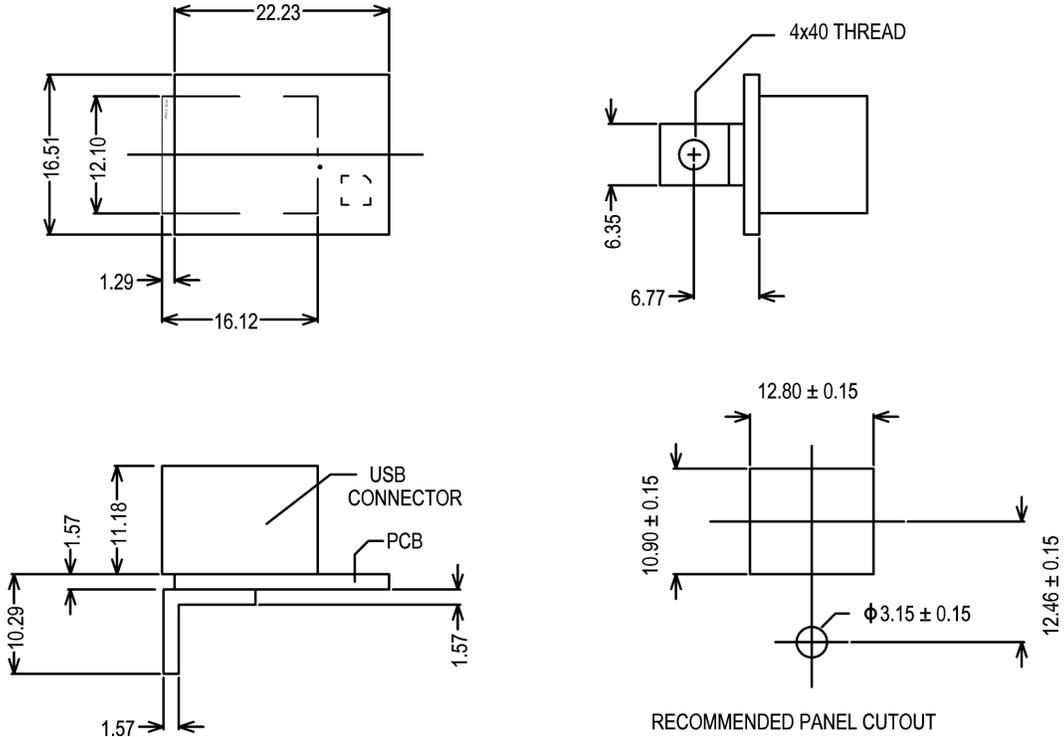
USB	USB specification 2.0 compliant USB type B receptacle connector USB full speed 12Mbps transmission
RS232	Signals: Rx/D, Tx/D, GND Receiver Rx/D input voltage range: -25V to $+25\text{V}$ Transmitter Tx/D output voltage swing: -5.7V to $+5.7\text{V}$ Connector: 3 solder pads $5.6\text{mm} \times 1.8\text{mm}$ 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, 17.5mA
Software	32-bit and 64-bit virtual COM port device driver for Microsoft Windows 8, Windows 7, Windows Vista, Windows XP
Mounting	C5000C chassis mount. 4x40 thread C5000P panel mount. 4x40 thread
Part Number	C5000C, C5000P RS232 programmable, support all settings. C5000C-96, C5000P-96 RS232 setting: 9600bps, 8-bit, No parity, 1-bit stop. C5000C-19, C5000P-19 RS232 setting: 19200bps, 8-bit, No parity, 1-bit stop. C5000C-11, C5000P-11 RS232 setting: 115200bps, 8-bit, No parity, 1-bit stop.
Operating temperature range:	-40°C TO $+85^\circ\text{C}$

RS232 Connector Definition

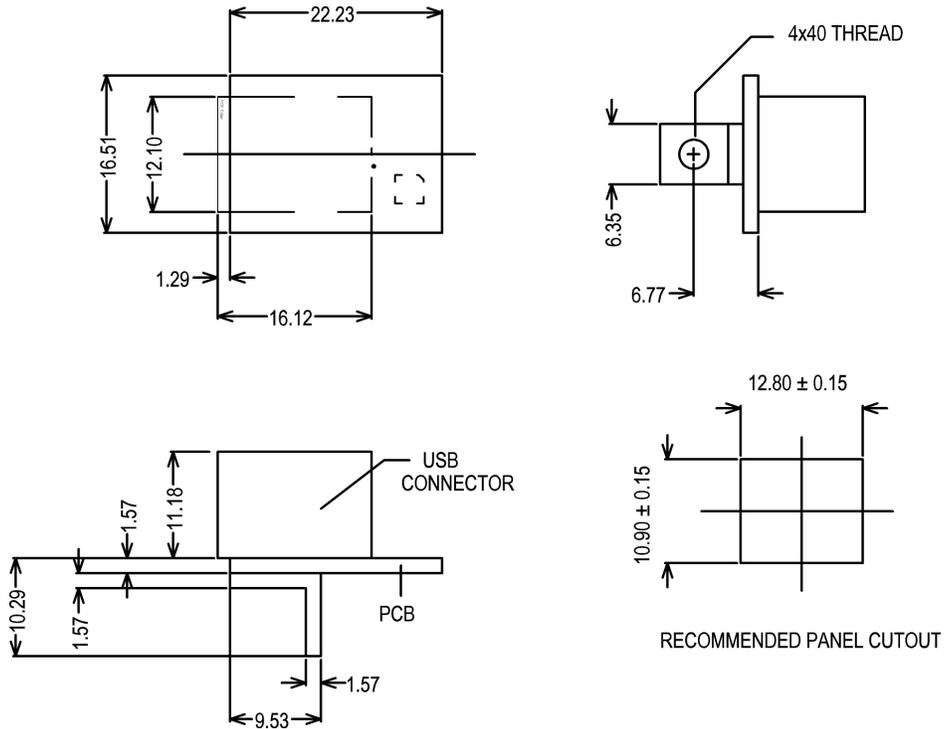


DEVICE FUNCTIONS

C5000P Drawings (mm, tolerance ± 0.3 unless otherwise specified)



C5000C Drawings (mm, tolerance ± 0.3 unless otherwise specified)



DEVICE FUNCTIONS

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.

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.



©2014 Device Functions. All right reserved.