

# VDB-120

## USB to dual isolated CANbus 2.0B Module



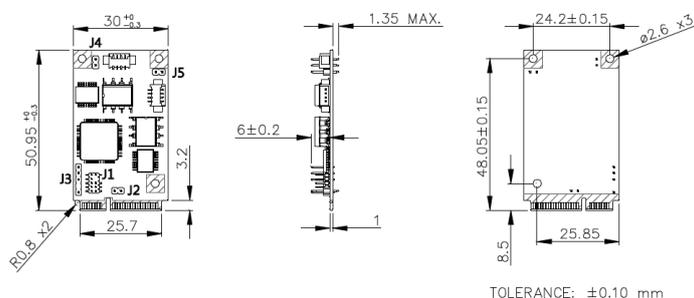
### Features

- CANbus 2.0B backward compatible with 2.0A
- Complies with EN61000-4-5 2.5kV Surge protection
- Complies with IEC 60950-1:2005 + A1: 2009 + A2:2013 2.5kV HiPOT protection
- Complies w/ EN61000-4-2 (ESD) Air-15kV, Contact-8kV
- Supports -40 to +85 degrees
- Supports 3rd mounting hole and USB Pin header for out-of-minicard installation
- Additional driver to support Linux SocketCAN
- LED indicator Power/Error/Active/Link
- Support baud rate 50/125/250/500/1000K
- Termination resistor enabled/disabled by jumper
- 30μ " golden finger, 3 years warranty
- Industrial design, manufactured in Innodisk Taiwan

### System

<b>Form-Factor</b>	mPCIe
<b>Input I/F</b>	USB 2.0
<b>Output I/F</b>	Isolated CANbus 2.0B
<b>Output Connector</b>	2 x DB-9
<b>TDP</b>	1.62W (3.3V, 490mA)
<b>Dimension</b>	30(W) x 50.9(L) x 6.1(H) mm
<b>Temperature</b>	Operation: W/T: -40°C ~ +85°C Storage: -55°C ~ +95°C
<b>Environment</b>	Vibration: 5G @7~2000Hz, Shock: 50G @ 0.5ms
<b>Notes</b>	Windows: xp(32bit), 7(32/64bit), 8/8.1(32/64bit), 10(32/64bit) Linux: Native CDC-ACM SocketCAN Driver: 2.6.38 and above, 32/64bit API Supports Windows and Linux base on x86.

### Mechanical Drawing



### Ordering Information

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