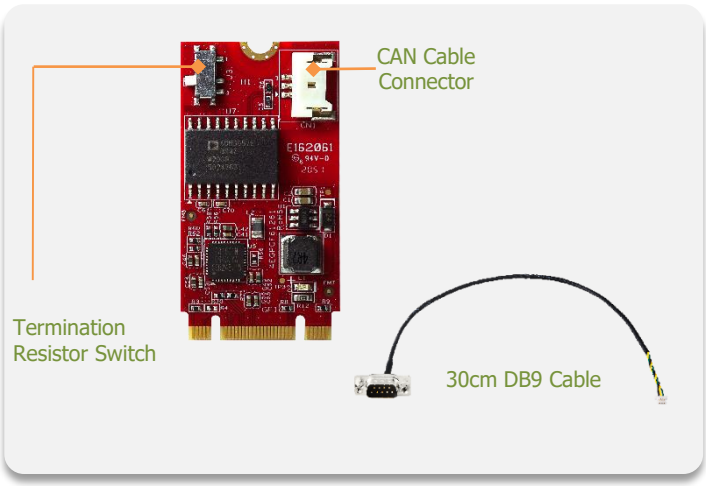
EGPC-B1S1

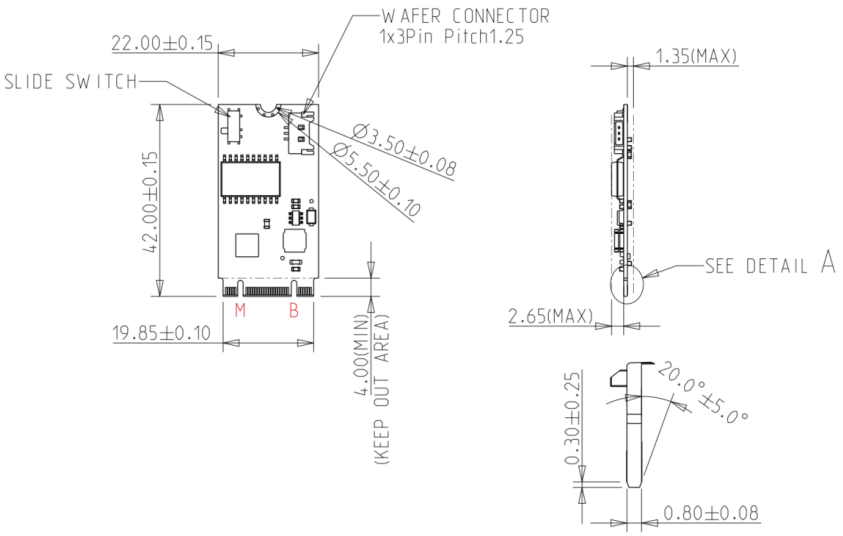
M.2 2242 to single isolated CAN bus Module



Features

- Compliant with PCI Express 1.1
- Meet the Requirements of the ISO 11898-1
- CAN bus 2.0B backward compatible with 2.0A
- Support baud rate 10/20/50/100/250/500/800/1000K
- Support CAN message acceptance filter
- Support Linux SocketCAN
- Compliant with IEC 60950-1:2005 + A1: 2009 + A2:2013 2.5kV HiPOT protection
- Compliant with EN61000-4-2 (ESD) Air-15kV, Contact-8kV
- Termination resistor enabled/disabled by switch
- 30μ" golden finger, 3-year warranty
- Industrial Temperature (-40°C to +85°C) support
- Industrial design, manufactured in Innodisk Taiwan

Mechanical Drawing



3pin CAN Connector Pin Define	
1	CAN-L
2	CAN-H
3	GND

Slide Switch (Termination Resistor)		
1	ON	
3	OFF	

CAN DB9 Connector Pin Define	
1	NC
2	CAN-L
3	GND
4	NC
5	NC
6	NC
7	CAN-H
8	NC
9	NC

Specifications

Form-Factor	M.2 2242 B-M
Input I/F	PCI Express 1.1
Output I/F	CAN bus 2.0B
Output Connector	DB-9 x 1
Power Consumption	MAX: 2.5W (3.3V, 742mA)
Dimension (WxLxH)	22 x 42 x 4.8 mm
Temperature	Operation: W/T: -40˚C ~ +85˚C Storage: -55˚C ~ +95˚C
Environment	Vibration: 5G @7~2000Hz, Shock: 50G @ 0.5ms
Notes	Download driver and API from MyInnodisk website. Windows: 7(32/64bit), 8/8.1(32/64bit), 10(32/64bit) Linux: SocketCAN driver from Kernel 2.6.38 and above (32/64bit)

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Order information

EGPC-B1S1-W1
M.2 2242 to single isolated CAN bus 2.0B Module

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