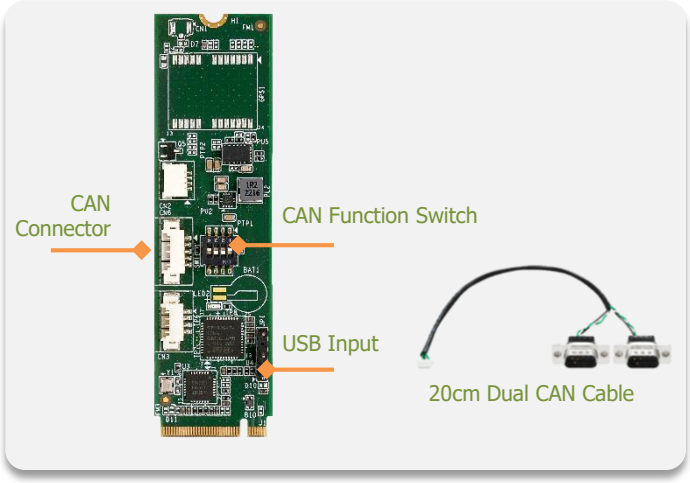
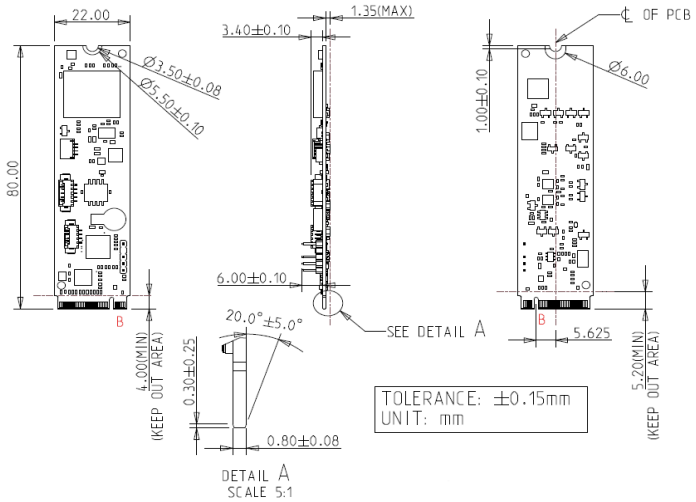
FARO-MD700
M.2 to Dual CAN FD Module



Features

- M.2 2280 B-Key
- CANbus 2.0B backward compatible with 2.0A
- Support baud rate 125/250/500/800/1000K bps
- CAN FD baud rate support 2M, 4M
- Up to 10000 CAN messages per second (receive data)
- Built-in Programmable CAN Identifier Filtering
- Support Linux SocketCAN
- Termination resistor enabled/disabled by switch
- Industrial Temperature (-40°C to +85°C) support
- Industrial design, manufactured in Innodisk Taiwan

Mechanical Drawing



CAN Connector Pin Define	
1	CAN0-L
2	CAN0-H
3	GND
4	CAN1-L
5	CAN1-H

CAN DB9 Connector Pin Define	
1	NC
2	CAN0-L
3	GND
4	CAN1-L
5	CAN1-H
6	NC
7	CAN0-H
8	NC
9	NC

Specifications

Form-Factor	M.2 2280 B
Input I/F	USB 2.0(FS)
Output I/F	CAN FD / CANbus 2.0B x 2
Output Connector	DB-9 x 2
Power Consumption	MAX: 0.63W (3.3V, 191.2mA)
Dimension (WxLxH)	22 x 80 x 6.00 mm
Temperature	WT: -40°C ~ +85°C
Environment	Vibration: 5G @7~2000Hz, Shock: 50G @ 0.5ms
Notes	Windows: 10(64bit) Linux: Kernel 4.4 and above (Native CDC-ACM driver), Ubuntu 16.04/22.04 LTS, SocketCAN, 64bit

Order information

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