

**M.2 B Key & M Key Module
Supports 2-Port CAN Bus, RoHS**

iM2-CAN-2P

Quick Installation Guide

Version 1.0

October 11, 2023

Package Contents

iM2-CAN-2P package includes the following items:

- 1 x iM2-CAN-2P M.2 module
- 2 x DB-9 male cable
- 1 x QIG (Quick Installation Guide)



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Features:

- M.2 B Key + M Key card supports two independent CAN ports
- Up to 1 Mbps transmission speed
- Support 16 MHz CAN controller frequency
- Two CAN 2.0B ports with isolation

Specifications:

- **Form Factor:**
M.2 3042 B+M key
- **Input Signal:**
PCIe Gen3 x1
- **PCIe to CAN:**
PCIe to 2 CAN bus IC
- **CAN Transceiver:**
CAN transceiver IC
- **Protocol:**
CAN 2.0B
- **I/O:**
2 x CAN 2.0B port (1x4 pin, p=1.25mm, wafer)
- **Operating Temperature:**
0°C ~ 60°C
- **Storage Temperature:**
-30°C ~ 70°C
- **Operating Humidity:**
5% ~ 95%, non-condensing
- **Dimensions (LxW):** 42 mm x 29.9 mm
- **Safety:** CE/FCC compliant

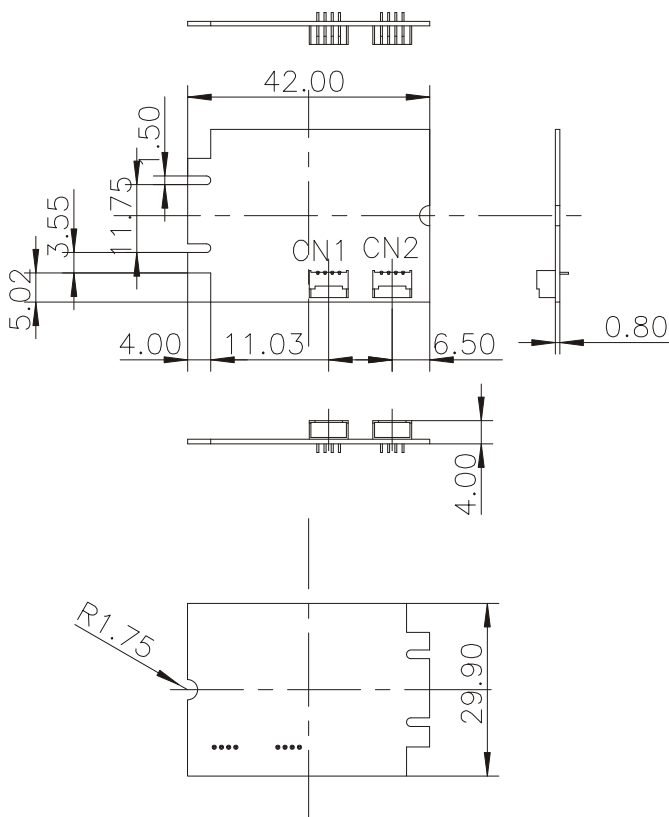
Ordering Information

- **iM2-CAN-2P-R10:** M.2 B Key & M Key module supports 2-port CAN bus, RoHS

Connector Pinouts

CN1, CN2 : CAN Bus Connectors			
PIN NO.	DESCRIPTION	PIN NO.	DESCRIPTION
1	CAN0_L	3	CAN0_GND
2	CAN0_H	4	NC

Board Layout and Connector Locations



(Unit: mm)