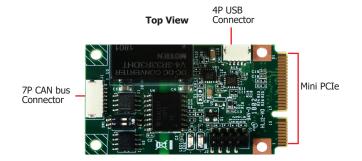
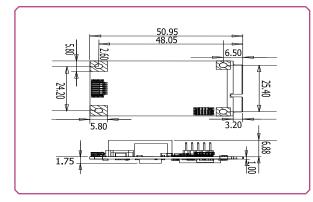


MPE-CAN2



Mechanical Drawing



Features

- Supports CANBus 2.0A and 2.0B Specifications with 11-bits and 29bits Data Frames • Up to 1M bits Baud Rate
- Support high layer protocol as SAE J1939 / OBDII / J1708 / TTCAN (Full CAN)
- Complies with EN61000-4-5 2.5kV Surge protection
 Complies with IEC 60950-1:2005 + A1: 2009 + A2:2013 2.5kV
- HiPOT protection
- Option to be installed by USB interface when the mini PCIe slot is not present
- -40°C to 85°C Operation Temperature

Specifications

INTERFACE

• Mini-PCIe or USB

IO PORTS

• One DB9 connector includes Dual CAN Bus and One J1708 ports

- **TEMPERATURE** Operating: -40°C to 85°C Storage: -40°C to 85°C

HUMIDITY

Operating: 10% to 85%Storage: 10% to 90%

DIMENSIONS

• 50.59mm x 30mm (1.99" x 1.18")

	(Cable)				
MPE-CAN2 Connector Pin Define		USB Connector Pin Define		CAN DB9 Connector Pin Define	
1	CAN1-L	1	USB5V	1	CAN1-L
2	CAN1-H	2	D-	2	CAN1-H
3	CAN2-L	3	D+	3	CAN2-L
4	CAN2-H	4	GND	4	CAN2-H
5	J1708-L			5	GND
6	J1708-H			6	J1708-L
7	GND			7	J1708-H
				8	NC
				9	NC



DIP Switch

DIF Switch					
1_ON	Enable CAN1 termination resistor (120ohm)				
1_OFF (default)	Disable CAN1 termination resistor				
2_ON	Enable CAN2 termination resistor (120ohm)				
2_OFF (default)	Disable CAN2 termination resistor				

Ordering Information

Model Name	P/N	Description
MPE-CAN2-MR	770-MPEC21-100G	MPE-CAN2 Full CAN module kit by mini PCIe interface
MPE-CAN2-UF	770-MPEC21-300G	MPE-CAN2 Full CAN module kit by USB interface

Packing List

Model Name	Packing List
MPE-CAN2-MR	• 1*7P/1mm to DB-9 Wire cable, L=210mm
MPE-CAN2-UF	 1*7P/1mm to DB-9 Wire cable, L=210mm 1*4P/1mm to 1*4P/2mm housing wire cable,
	L=210mm
	• 1*4P/1mm to 1*4P/2.54mm housing wire cable, L=210mm

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