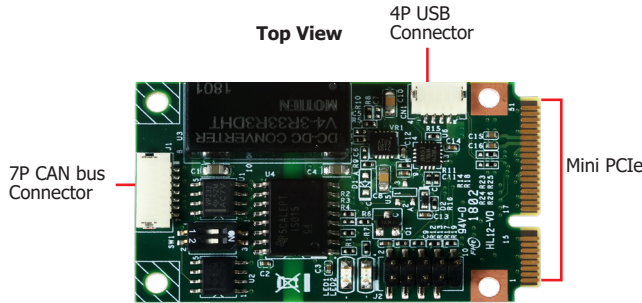


MPE-CAN2



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

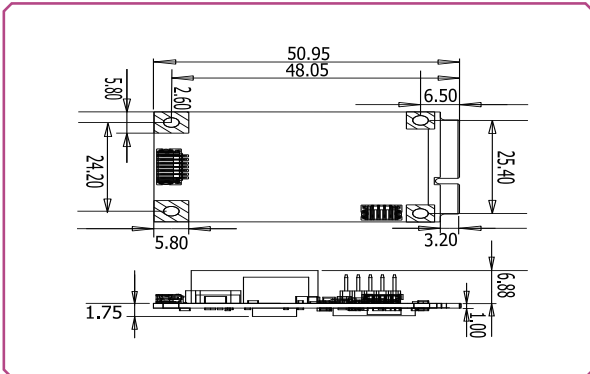
HUMIDITY

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

DIMENSIONS

- 50.59mm x 30mm (1.99" x 1.18")

Mechanical Drawing



(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	
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