



EMPC-B2S1

mPCIe to Dual Isolated CAN Bus 2.0B / J1939 / CANopen

HIGHLIGHT FEATURES

- Baud rate up to 10 / 20 / 50 / 100 / 250 / 500 / 800 / 1000K
- SAE J1939 / CANopen high layer protocol (Optional)
- Meets the Requirements of the ISO 11898-1
- Compliant with IEC 60950-1 : 2005 + A1 : 2009 + A2 : 2013 2.5kV HiPOT protection
- Compliant with EN61000-4-2 (ESD) Air-15kV, Contact-8kV
- Supports CAN message acceptance filter
- Supports Linux SocketCAN
- Termination resistor enabled / disabled by jumper

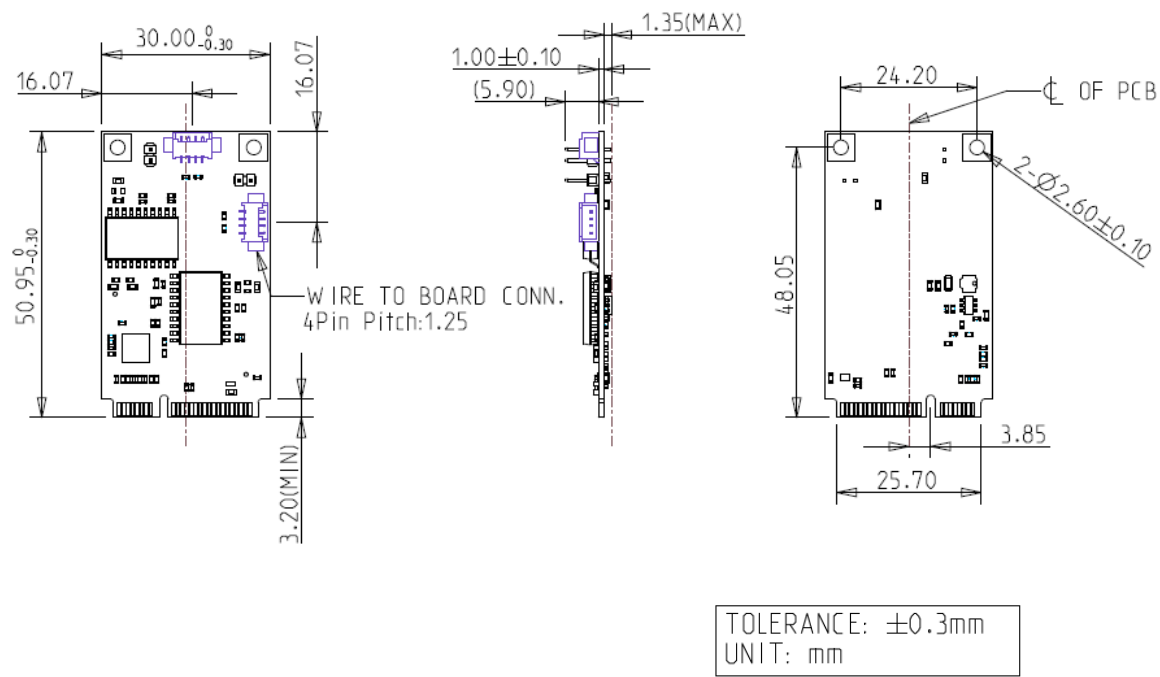
SPECIFICATIONS

Model Name	EMPC-B2S1
Module Type	mPCIe to Dual Isolated CAN Bus 2.0B / J1939 / CANopen Module
Form Factor	mPCIe
Function	CAN Bus
Input I/F	PCI Express 1.1 x1
Output I/F	CAN Bus 2.0B
Output Port	2
Output Connector	DB-9
Max. Power Consumption	2.834W (3.3V, 859mA)
Dimension (W x L x H/mm)	30 x 50.9 x 8.25
Temperature	Operation : W/T -40°C ~ 85°C (Ta) Storage : -55°C ~ 95°C (Ta)
Vibration	5G@[7~2000Hz]
Shock	50G@0.5ms
OS Support	Windows: 7 (32 / 64bit), 8 / 8.1 (32 / 64bit), 10 (32 / 64bit), and above version Linux : SocketCAN driver from Kernel 2.6.38 and above (32 / 64bit)
Warranty	3 Years
Notes	--

ORDER INFO.

P/N	Description
EMPC-B2S1-W1	mPCIe to Dual Isolated CAN Bus 2.0B Module
EMPC-B2S1-W2	mPCIe to Dual Isolated J1939 / CANopen Module

MECHANICAL DRAWING



PIN DEFINE

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