

EMUC-B2S3

mPCIe to Dual Isolated CAN 2.0B / J1939 / CANopen

HIGHLIGHT FEATURES

- Compliant with ISO 11898-2
- Supports baud rate up to 5 / 10 / 20 / 50 / 100 / 125 / 250 / 500 (Default) / 800 / 1000K
- Up to 7,800 frame/s (Receiving at 1Mbps, EID, 8byte Data)
- Additional driver to support Linux SocketCAN
- Supports SAE J1939 / CANopen high layer protocol (Optional)
- Complies with IEC 60950-1 : 2005 + A1 : 2009 + A2 : 2013 2.5kV HiPOT Protection
- Complaint with EN61000-4-2 (ESD) Air-15kV, Contact-8kV

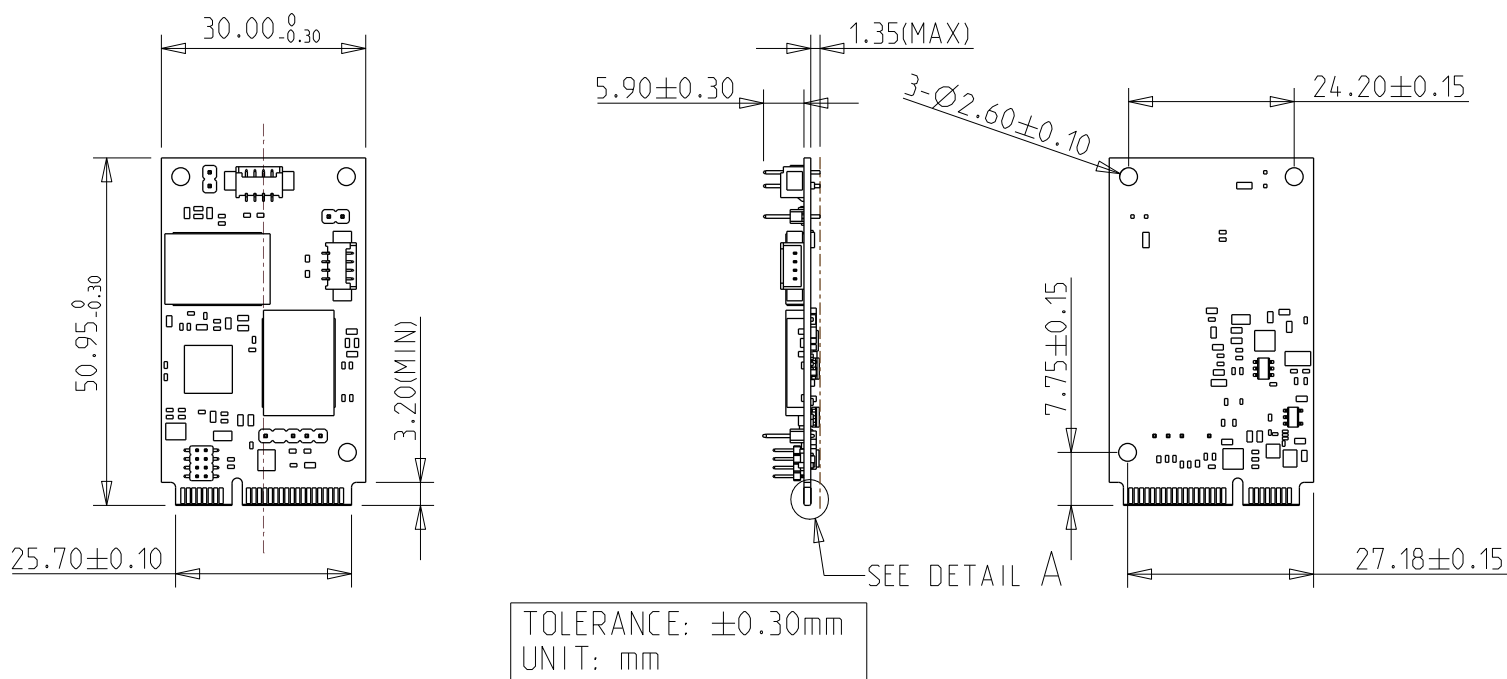
SPECIFICATIONS

Model Name	EMUC-B2S3
Module Type	mPCIe to Dual Isolated CAN 2.0B / J1939 / CANopen
Form Factor	mPCIe
Function	CAN Bus
Input I/F	USB 2.0 High Speed (480Mbps)
Output I/F	CAN Bus 2.0B
Output Port	2
Output Connector	DB-9
Max. Power Consumption	2.115W (5V, 423mA ; 3.3V, 641mA)
Dimension (W x L x H/mm)	30 x 50.9 x 8.35
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 : XP (32bit), 7 (32 / 64bit), 8/8.1(32 / 64bit), 10(32 / 64bit), 11, and above version Linux : Kernel 2.6 and above (Native CDC-ACM driver), Kernel 2.6.38 and above (SocketCAN Driver), 32 / 64bit
Warranty	3 Years
Notes	Software API compatible with EMUC-B202 / EGPC-B201.

ORDER INFO.

P/N	Description
EMUC-B2S3-W1	mPCIe to Dual Isolated CAN Bus 2.0B Module / Wide Temperature
EMUC-B2S3-W2	mPCIe to Dual Isolated CAN Bus J1939/CANopen Module / Wide Temperature

MECHANICAL DRAWING



USB In Pin Define	
1	5V
2	D-
3	D+
4	GND

CAN Connector Pin Define	
1	NC
2	CAN-H
3	CAN-L
4	GND

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

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