

CONNECTING INTELLIGENCE NETWORKING



EMP2-X4S2

mPCIe to Dual Isolated RS-422 & RS-485 Module

HIGHLIGHT FEATURES

- PCI-Express specification Rev. 2.0 compliant
- 4800 to 3Mbps serial data rate. 16C550 compatible. 256-byte FIFOs
- Supports port-to-computer isolation, complies with IEC 60950-1 : 2005 + A1 : 2009 + A2 : 2013 2.5kV HiPOT protection
- Complies with EN61000-4-2 (ESD) Air-15kV, Contact-8kV
- Termination Resistor by dip switch setting
- Industrial temperature (-40°C to 85°C) operation
- 30μ" golden finger, 3 years warranty

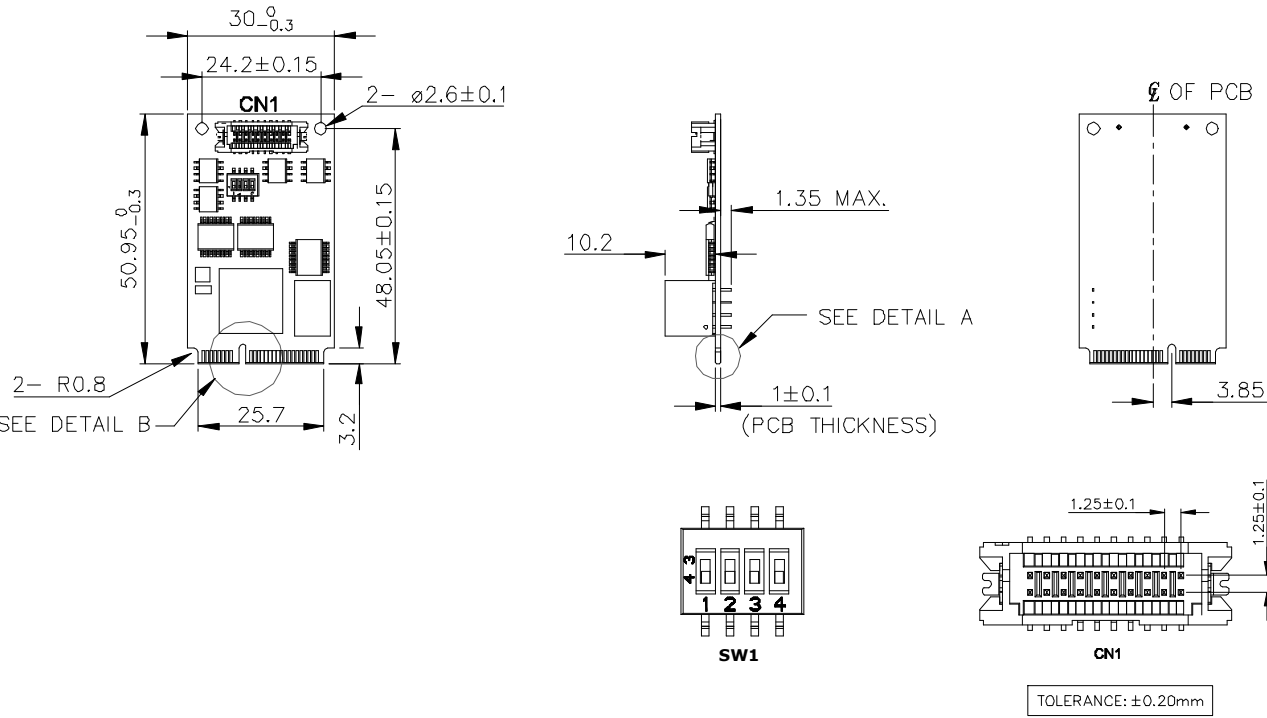
SPECIFICATIONS

Model Name	EMP2-X4S2
Module Type	mPCIe to Dual Isolated RS-422 & RS-485 Module
Form Factor	mPCIe
Function	Serial
Input I/F	PCI Express 2.0 x1
Output I/F	2 x RS-422 2 x RS-485
Output Port	4
Output Connector	DB-9
Max. Power Consumption	0.58W (3.3V, 175mA)
Dimension (W x L x H/mm)	30 x 50.9 x 12.55
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 (32 bit), 7 (32 / 64 bit), 8 / 8.1 (32 / 64 bit), 10, and above version, WES7, CE7.0 Linux : Kernel 2.6.x and above
Warranty	3 Years
Notes	Innodisk can provide Linux source for modification.

ORDER INFO.

P/N	Description
EMP2-X4S2-W1	mPCIe to Dual Isolated RS-422 & RS-485 Module / Wide Temperature

MECHANICAL DRAWING



PIN DEFINE

Pin	RS-485 Half Duplex	RS-485 / RS-422 Full Duplex
1		
2	D+	TX+
3		RX+
4		
5	GND	GND
6		
7		RX-
8	D-	TX-
9		