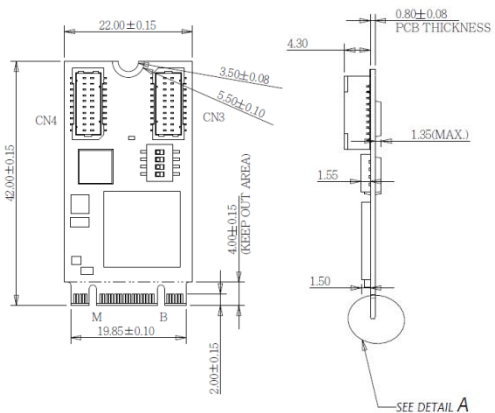


### Features

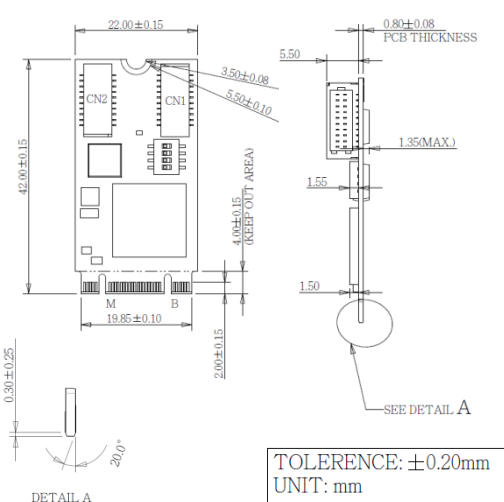
- PCIe 2.0 compliant. RS-232/422/485 mode configurable by software
- 4800 to 3Mbps serial data rate (RS-232 921.6Kbps) serial data rate. 16C550 compatible. 256-byte FIFOs
- Alternative vertical or horizontal connector
- Full RS-232 functions with DB9 connector
- Termination resistor enabled/disabled by DIP switch
- Complies with EN61000-4-2 (ESD) Air-15kV, Contact-8kV
- Industrial temperature -40 °C to 85 °C
- 30µ" golden finger, 3-year warranty
- Industrial design, manufactured in innodisk Taiwan

### Mechanical Drawing

EGP2-X401-W1 (Vertical Connector)



EGP2-X401-W2 (Horizontal Connector)



TOLERANCE: ±0.20mm  
UNIT: mm

DIP Switch Setting	
OFF	Normal
ON	Termination

Pin	DB9 Pin define		
	RS-232	RS-485 full duplex	RS-485 half duplex
1	DCD	TX-	D-
2	RX	TX+	D+
3	TX	RX+	
4	DTR	RX-	
5	GND	GND	GND
6	DSR		
7	RTS		
8	CTS		
9	RI		

### Specifications

Form-Factor	M.2 2242 B-M
Input I/F	PCI Express 2.0 x 1
Output I/F	RS-232/422/485
Output Connector	DB-9 x 4
Max TDP	0.58W (3.3V x 176mA)
Dimension (WxLxH)	Vertical: 22 x 42 x 6.45mm Horizontal: 22 x 42 x 7.65mm
Temperature	Operation: W/T: -40°C ~ +85°C Storage: -55°C ~ +95°C
Environment	Vibration: 5G @7~2000Hz, Shock: 50G @ 0.5ms
Notes	Please download driver from MyInnodisk website. Windows: XP(32 bit), 7(32/64 bit), 8/8.1(32/64 bit), 10, WEST7, CE7.0 Linux: Kernel 2.6.x and above.(We can provide Linux source for modification.)

### Order information

**EGP2-X401-W1**(Vertical connector, Wide Temp.)  
**EGP2-X401-W2**(Horizontal connector, Wide Temp.)  
M.2 2242 to four RS232/422/485 Module

[www.innodisk.com](http://www.innodisk.com)

December 24, 2019

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