

EGP2-X4S1

M.2 to Four Isolated RS-422 / 485 Module

HIGHLIGHT FEATURES

- PCI-Express specification Rev. 2.0 compliant
- 4800 to 1.5Mbps 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
- RS-422 / 485 mode by switch setting
- Industrial temperature (-40°C to 85°C) operation

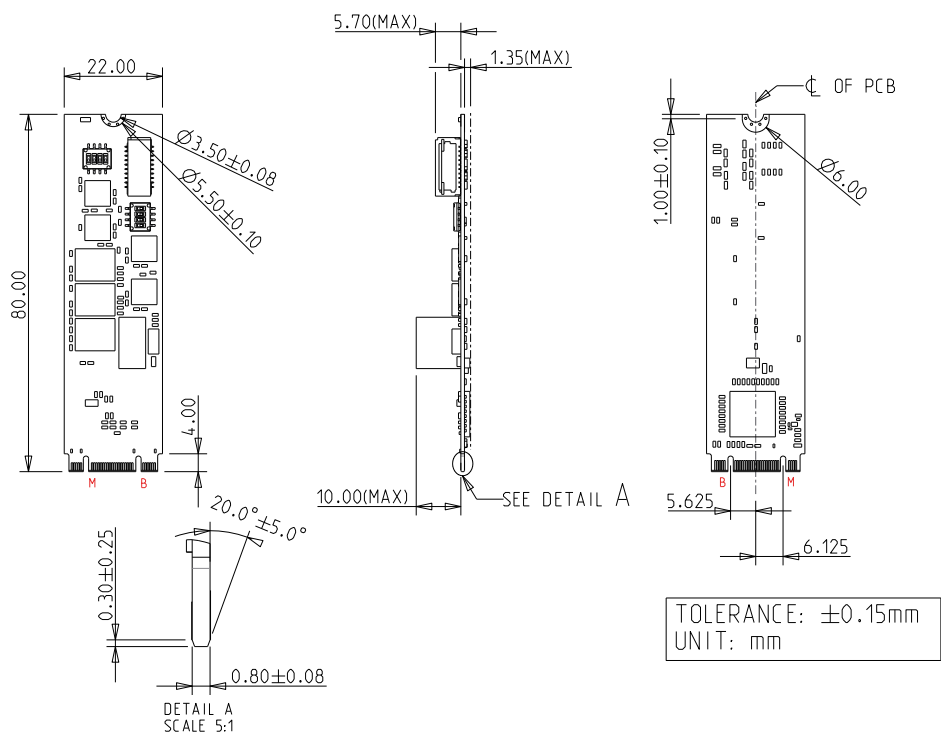
SPECIFICATIONS

Model Name	EGP2-X4S1
Module Type	M.2 to Four Isolated RS-422 / 485 Module
Form Factor	M.2 2280 B+M Key
Function	Serial
Input I/F	PCI Express 2.0 x1
Output I/F	RS-422 & RS-485
Output Port	4
Output Connector	DB-9
Max. Power Consumption	1.84W (3.3V, 557mA)
Dimension (W x L x H/mm)	22 x 80 x 12.23
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), 10 (32 / 64bit), and later versions Linux : Kernel 2.6.38 and later versions
Warranty	3 Years
Notes	--

ORDER INFO.

P/N	Description
EGP2-X4S1-W1	M.2 to Four Isolated RS-422 / 485 Module, Vertical Connector / Wide Temperature
EGP2-X4S1-W2	M.2 to Four Isolated RS-422 / 485 Module, Horizontal Connector / Wide Temperature

MECHANICAL DRAWING



PIN DEFINE

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

SW1	
ON	TERMINATION
OFF	NON-TERMINATION
SW2	
ON	RS485 HD
OFF	RS422 FD

