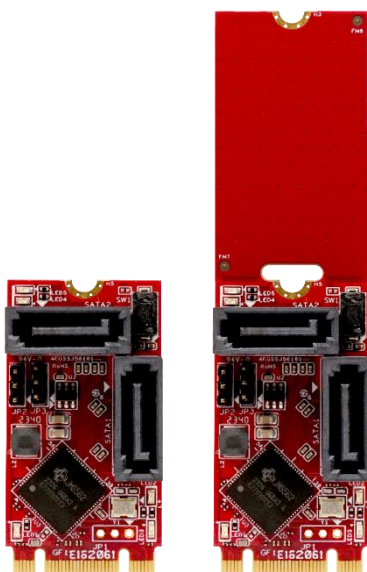




## EGSS-32R2

M.2 2242 / 2280 to Dual SATA III RAID Module

### HIGHLIGHT FEATURES

- M.2 2242 / 2280 to Dual SATA III Ports
- Supports SATA to Dual SATA III
- Supports H/W RAIF 0/1 over SATA
- Supports Secure Boot
- Supports AHCI and Port Multiplier

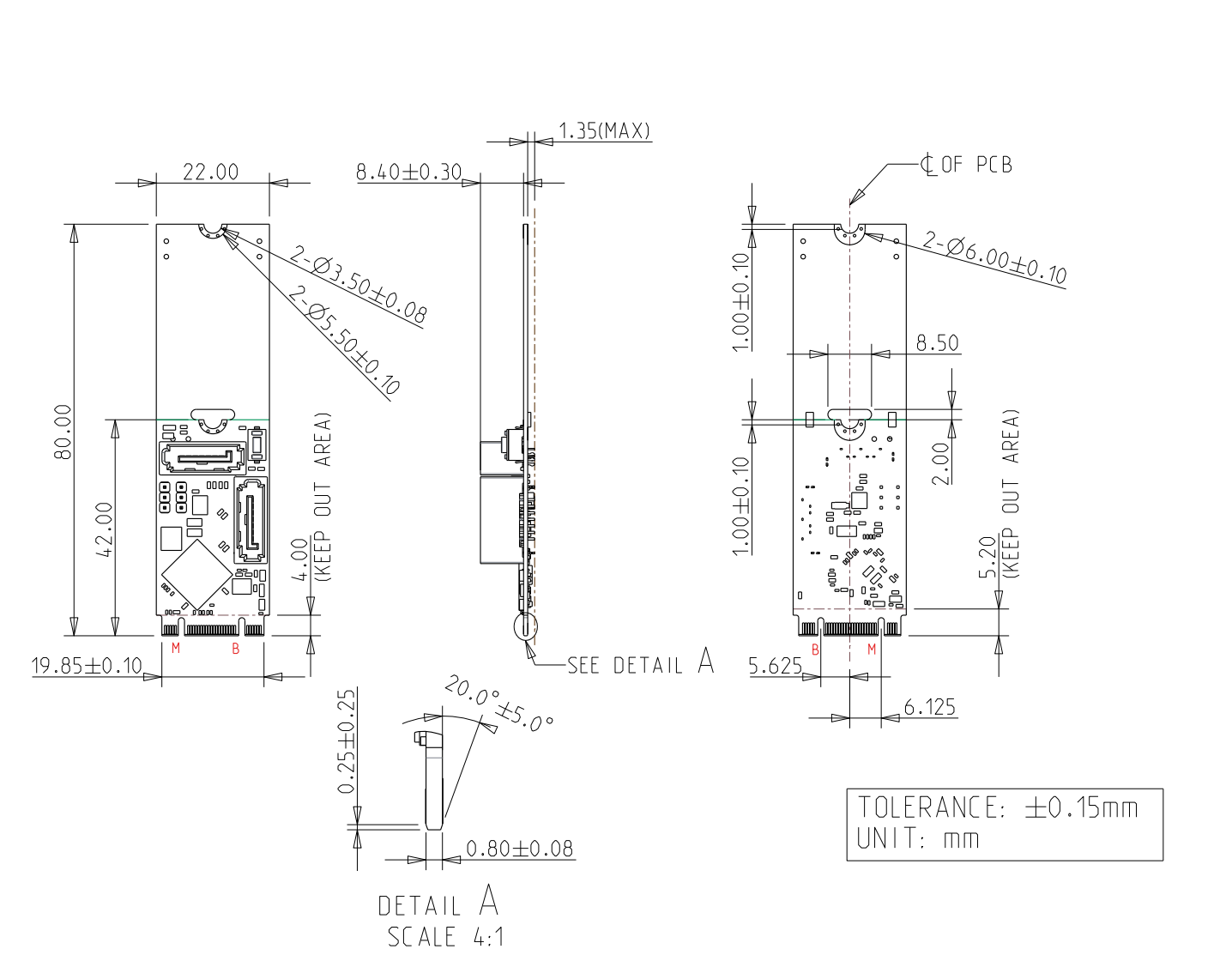
### SPECIFICATIONS

|                          |                                                                                                                       |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Model Name               | EGSS-32R2                                                                                                             |
| Module Type              | M.2 2242 / 2280 to Dual SATA III RAID Module                                                                          |
| Form Factor              | M.2 2242 B+M Key / M.2 2280 B+M Key                                                                                   |
| Function                 | Disk Array                                                                                                            |
| Input I/F                | SATA III                                                                                                              |
| Output I/F               | SATA III                                                                                                              |
| Output Port              | 2                                                                                                                     |
| Output Connector         | SATA 7-pin                                                                                                            |
| Max. Power Consumption   | 1.27W (3.3V, 385mA)                                                                                                   |
| Dimension (W x L x H/mm) | 2242 (C1) : 22 x 42 x 11<br>2280 (C2) : 22 x 80 x 11                                                                  |
| Temperature              | Operation : S/T 0°C ~ 70°C (Ta)<br>Storage : -55°C ~ 95°C (Ta)                                                        |
| Vibration                | 5G@[7~2000Hz]                                                                                                         |
| Shock                    | 50G@0.5ms                                                                                                             |
| OS Support               | --                                                                                                                    |
| Warranty                 | 3 Years                                                                                                               |
| Notes                    | 1. RAID Mode Setting : [JP2 : JP3]<br>RAID0_23 : 23, RAID1_12 : 23, PM_12 : 12<br>2. Press tact switch SW1 for reset. |

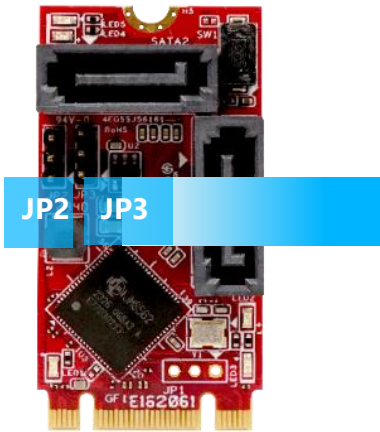
ORDER INFO.

| P/N          | Description                           |
|--------------|---------------------------------------|
| EGSS-32R2-C1 | M.2 2242 to Dual SATA III RAID Module |
| EGSS-32R2-C2 | M.2 2280 to Dual SATA III RAID Module |

MECHANICAL DRAWING



# PIN DEFINE



| JP2 1 x 3 Pin Header |         | JP3 1 x 3 Pin Header |         |
|----------------------|---------|----------------------|---------|
| Pin                  | Signal  | Pin                  | Signal  |
| 1                    | 3.3V    | 1                    | 3.3V    |
| 2                    | GPIO5_C | 2                    | GPIO7_C |
| 3                    | GNS     | 3                    | GND     |

| RAID Mode Setting |           |
|-------------------|-----------|
| Mode              | JP2 : JP3 |
| RAID0             | 23 : 23   |
| RAID1             | 12 : 23   |
| PM                | 12 : 12   |