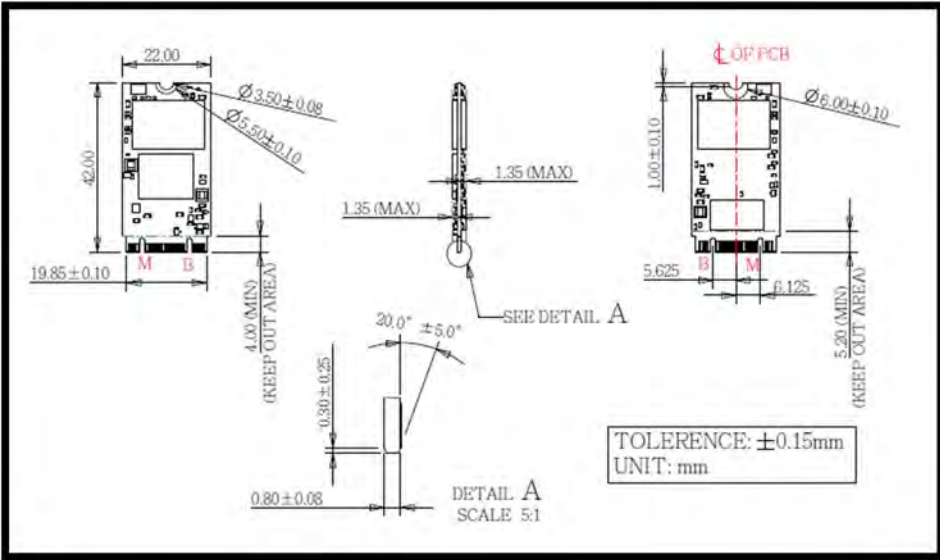


# M.2 (S42)

## 3TG6-P series

### Diagram



### Specifications

|                                     |   |
|-------------------------------------|---|
| Interface                           | SATA III  |
| Flash Type                          | 3D TLC  |
| P/E cycle                           | 3,000   |
| Capacity                            | 128GB~512GB   |
| Max. Channels                       | 4   |
| Sequential R/W (MB/sec, max.)       | 560/510   |
| Max. Power Consumption              | 2.44W (739mA $\times$ 3.3V)   |
| Thermal Sensor                      | √   |
| External DRAM buffer                | √   |
| H/W Write Protect                   | -   |
| ATA Security                        | √   |
| S.M.A.R.T.                          | √   |
| Dimension (W $\times$ L $\times$ H) | 22.0 X 42.0 X 3.5 mm  |
| Environment                         | Vibration: 20G @7~2000Hz<br>Shock: 1500G @ 0.5ms<br>Storage Temperature: -55°C ~ +95°C<br>MTBF: 3 million hours |

### Ordering Information

| Operation Temp.                     | 128GB                 | 256GB                 | 512GB                 |
|-------------------------------------|-----------------------|-----------------------|-----------------------|
| Standard Grade<br>(0°C ~ +70°C)     | DGM24-<br>A28M71ECAQF | DGM24-<br>B56M71ECAQF | DGM24-<br>C12M71ECAQF |
| Industrial Grade<br>(-40°C ~ +85°C) | DGM24-<br>A28M71EWAQF | DGM24-<br>B56M71EWAQF | DGM24-<br>C12M71EWAQF |