



## 1.8" SATA SSD 3TG6-P

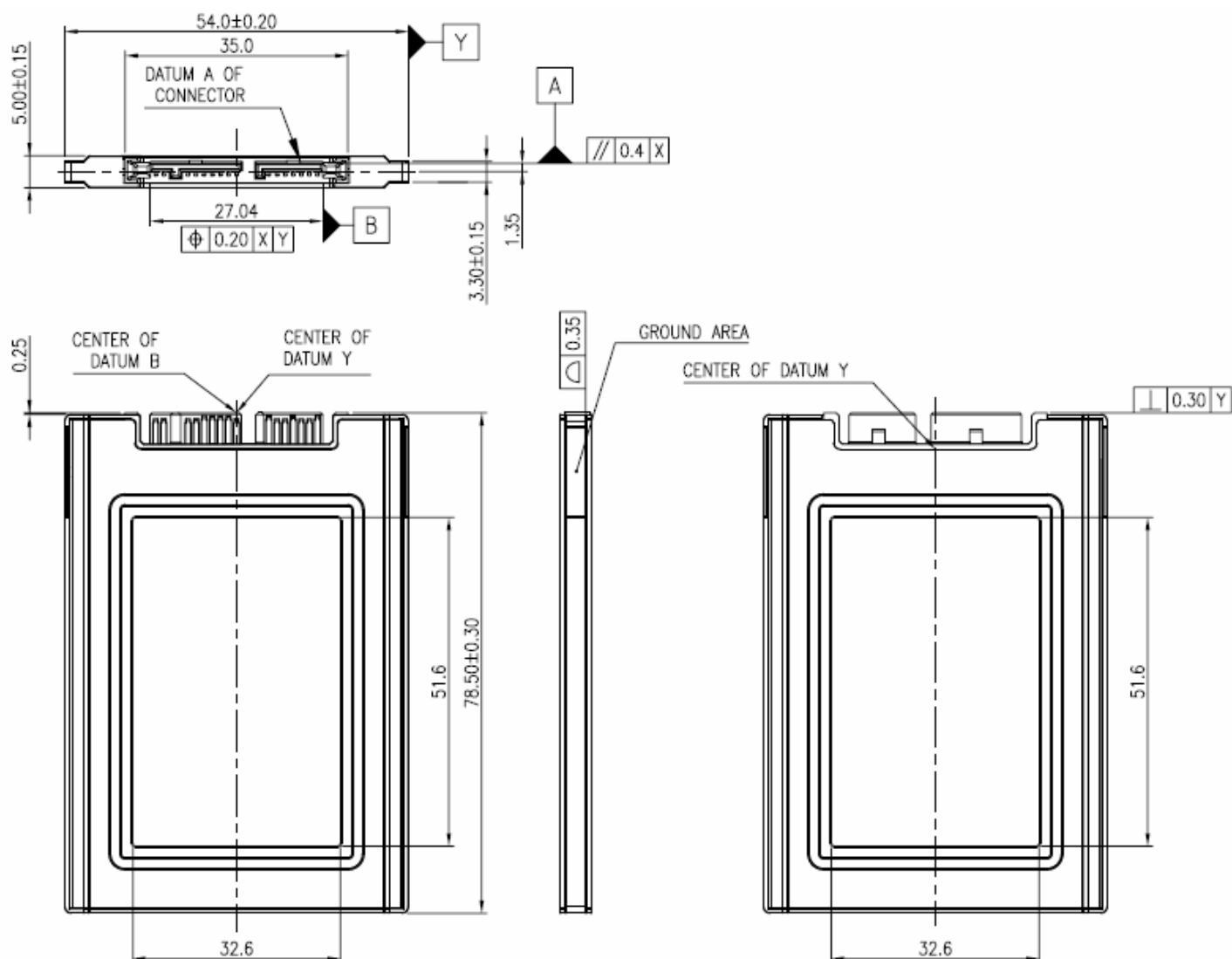
### HIGHLIGHT FEATURES

- 1.8" SATA III solution for industrial field
- iSMART disk health monitoring
- AES-256 encryption
- End-to-End Data Path Protection
- iData Guard for abnormal power failure
- iCell technology for data protection (optional)
- Supports wide temperature from -40°C to 85°C

### SPECIFICATIONS

|                                 |                      |
|---------------------------------|----------------------|
| Model Name                      | 1.8" SATA SSD 3TG6-P |
| Flash Type                      | 3D TLC               |
| Interface                       | SATA III 6.0 Gb/s    |
| Form Factor                     | 1.8" SSD             |
| Capacity                        | 128GB ~ 1TB          |
| Sequential R / W (MB/sec, max.) | 560 / 520            |
| P/E Cycle                       | 3,000                |
| TBW (Max.)                      | 1,172                |
| Storage Temperature             | -40°C ~ 85°C         |
| Max. Power Consumption          | 4.1W                 |
| Max. Channels                   | 4                    |
| External DRAM Buffer            | Y                    |
| H/W Write Protect               | N                    |
| S.M.A.R.T.                      | Y                    |
| AES                             | Y (Optional)         |
| TCG Opal                        | Y (Optional)         |
| Dimension (W x L x H/mm)        | 54.0 x 78.5 x 5.0    |
| Vibration                       | 20G@[7 ~ 2000Hz]     |
| Shock                           | 1500G@0.5ms          |
| MTBF                            | >3 million hours     |
| Warranty                        | 3 Years              |

## DIAGRAM



## ORDER INFO.

| Operating Temperature | Standard Grade (0°C ~ 70°C) | Industrial Grade (-40°C ~ 85°C) |
|-----------------------|-----------------------------|---------------------------------|
| 128GB                 | DGS18-A28M71EC*QF(P)        | DGS18-A28M71EW*QF(P)            |
| 256GB                 | DGS18-B56M71EC*QF(P)        | DGS18-B56M71EW*QF(P)            |
| 512GB                 | DGS18-C12M71EC*QF(P)        | DGS18-C12M71EW*QF(P)            |
| 1TB                   | DGS18-01TM71EC*QF(P)        | DGS18-01TM71EW*QF(P)            |

\*. 1: Vin=5V; 2: Vin=3.3V  
(P). iCell (Optional)

**HQ (Taiwan)** T +886-2-7703-3000 / E sales@innodisk.com

**CN** T +86-755-2167-3689 / E sales\_cn@innodisk.com

**US** T +1-510-770-9421 / E [usasales@innodisk.com](mailto:usasales@innodisk.com)

**EU T +31-40-3045-400 / E eusales@innodisk.com**

**JP** T +81-3-6667-0161 / E [jp\\_sales@innodisk.com](mailto:jp_sales@innodisk.com)

