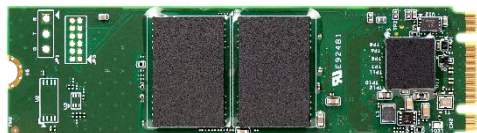


## M.2 (S80) 3TEB

### HIGHLIGHT FEATURES

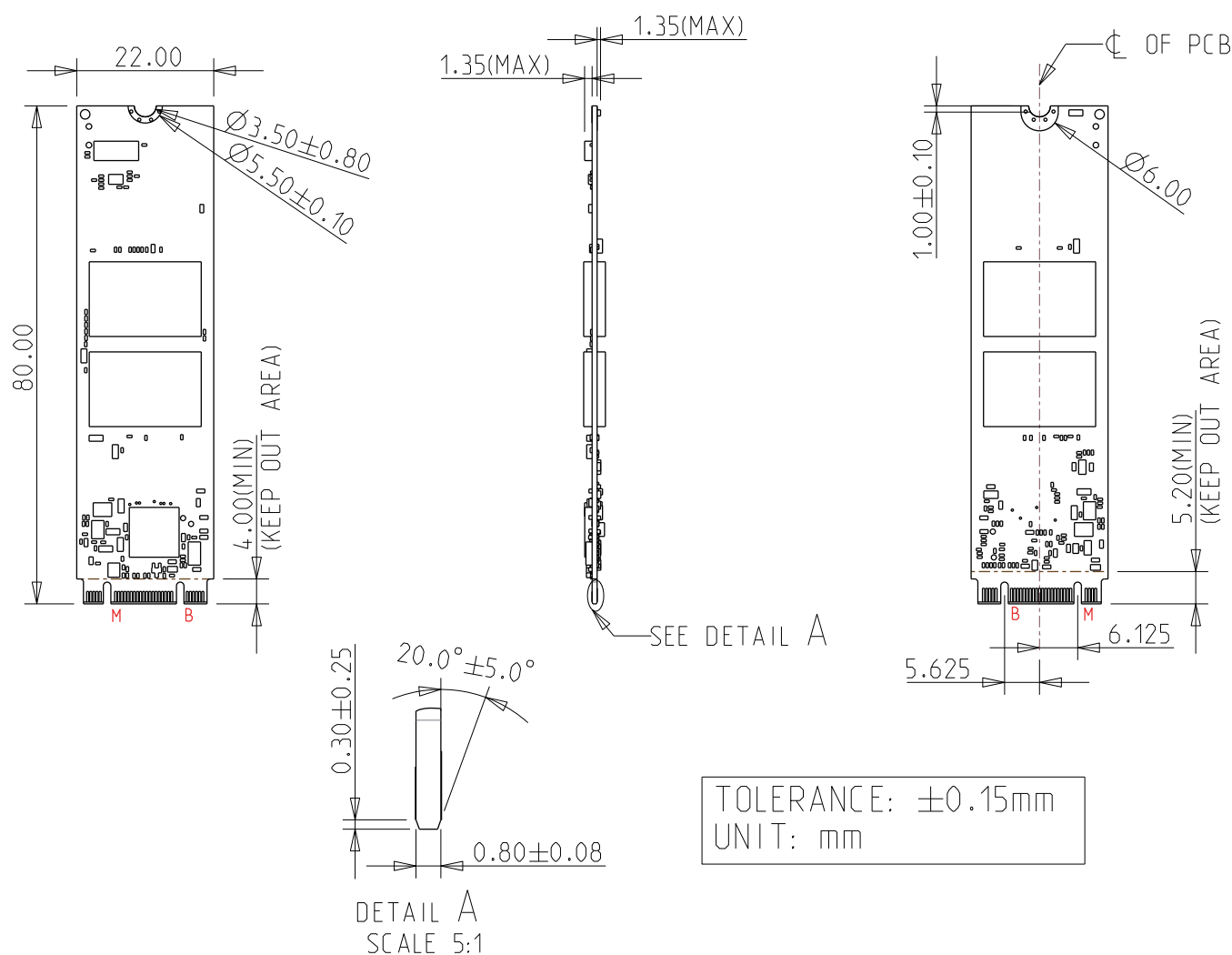


- SATA III solution for industrial field
- High IOPS
- Low power consumption
- iPower Guard for protecting unstable start up and shut down.
- iData Guard for abnormal power failure

### SPECIFICATIONS

|                                 |                   |
|---------------------------------|-------------------|
| Model Name                      | M.2 (S80) 3TEB    |
| Flash Type                      | 3D TLC            |
| Interface                       | SATA III 6.0 Gb/s |
| Form Factor                     | M.2 2280 B+M Key  |
| Capacity                        | 64GB ~ 1TB        |
| Sequential R / W (MB/sec, max.) | 550 / 480         |
| P/E Cycle                       | 3,000             |
| TBW (Max.)                      | 900               |
| Storage Temperature             | -40°C ~ 85°C      |
| Max. Power Consumption          | 1.2W              |
| Max. Channels                   | 2                 |
| External DRAM Buffer            | N                 |
| H/W Write Protect               | N                 |
| S.M.A.R.T.                      | Y                 |
| AES                             | N                 |
| TCG Opal                        | N                 |
| Dimension (W x L x H/mm)        | 22.0 x 80.0 x 3.5 |
| 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) |
|-----------------------|-----------------------------|---------------------------------|
| 64GB                  | DEM28-64GIC1KCASF           | DEM28-64GIC1KWASF               |
| 128GB                 | DEM28-A28IC1KCADF           | DEM28-A28IC1KWADF               |
| 256GB                 | DEM28-B56IC1KCADF           | DEM28-B56IC1KWADF               |
| 512GB                 | DEM28-C12IC1KCADF           | DEM28-C12IC1KWADF               |
| 1TB                   | DEM28-01TIC1KCADF           | DEM28-01TIC1KWADF               |

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