

## M.2 (P80) 3TE8

### HIGHLIGHT FEATURES



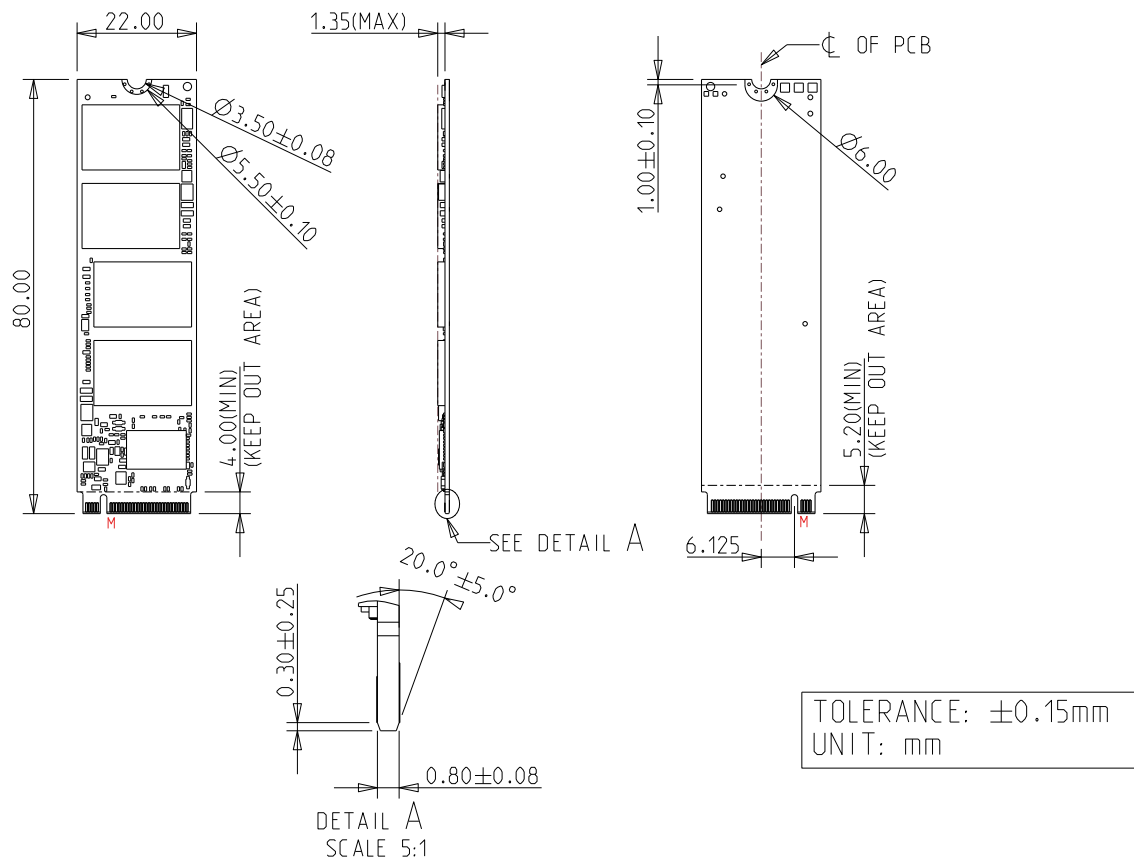
- PCIe Gen 3 x4, NVMe SSD
- Innodisk 3D TLC NAND
- Standard-temperature
- iDataguard
- Dynamic Thermal Management
- Hybrid Write Mode with SLC Cache Enable
- Support TCG OPAL function

### SPECIFICATIONS

|                                 |                    |
|---------------------------------|--------------------|
| Model Name                      | M.2 (P80) 3TE8     |
| Flash Type                      | 3D TLC             |
| Interface                       | PCIe Gen 3 x4      |
| Form Factor                     | M.2 2280 M key     |
| Capacity                        | 128GB ~ 2TB        |
| Sequential R / W (MB/sec, max.) | 3,400 / 2,850      |
| TBW (Max.)                      | 2,304              |
| Storage Temperature             | -40°C ~ 85°C       |
| Max. Power Consumption          | 4.3W               |
| Max. Channels                   | 4                  |
| External DRAM Buffer            | N                  |
| H/W Write Protect               | N                  |
| S.M.A.R.T.                      | Y                  |
| AES                             | Y                  |
| TCG Opal                        | Y                  |
| Dimension (W x L x H/mm)        | 22.0 x 80.0 x 2.15 |
| Vibration                       | 20G@7~2000Hz       |
| Shock                           | 1500G@0.5ms        |
| MTBF                            | >3 million hours   |
| Warranty                        | 3 Years            |

# DIAGRAM

## BGA



## ORDER INFO.

| Standard Grade (0°C ~ 70°C) |                    |
|-----------------------------|--------------------|
| 128GB                       | DEM28-A28DS2KCADLS |
| 256GB                       | DEM28-B56DS2KCAQLS |
| 512GB                       | DEM28-C12DS2KCAQLS |
| 1TB                         | DEM28-01TDS2KCAQLS |
| 2TB                         | DEM28-02TDS2KCAQLS |

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