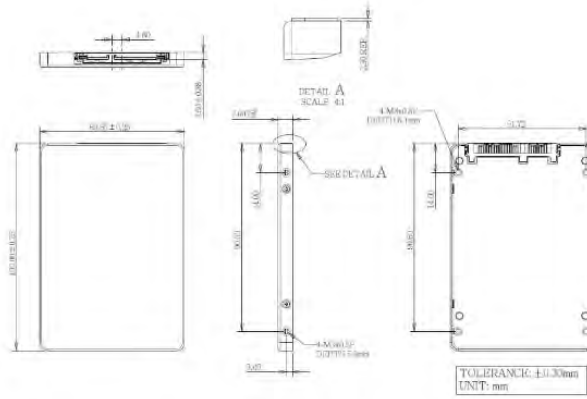


# 2.5" SATA SSD

## 3TR6-P\_AES series



Drawing



### Specifications

Interface	SATA III
Flash Type	3D TLC
Capacity	128GB~2TB
Max. Channels	4
Sequential R/W (MB/sec, max.)*	500 / 420 MB/s
4KB Random (OD32) R/W (IOPS)*	67000 / 60000
Max. Power Consumption	3.6W
Thermal Sensor	✓
External DRAM Buffer	✓
AES encryption	✓
ATA Security	✓
S.M.A.R.T.	✓
Dimension (WxLxH)	69.8 X 100.0 X 6.8 mm <sup>3</sup>
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours
* Sequential performance based on CystalDiskMark 5.1.2 with file size 1000MB	

### Ordering Information (Please refer to TPS for detail)

Operation Temp.	128GB	256GB	512GB	1TB	2TB
Standard Grade (0°C ~ +70°C)	DRS25-A28M72EC1QFP	DRS25-B56M72EC1QFP	DRS25-C12M72EC1QFP	DRS25-O1TM72EC1QFP	DRS25-O2TM72ECAQFP
Industrial Grade (-40°C ~ +85°C)	DRS25-A28M72EW1QFP	DRS25-B56M72EW1QFP	DRS25-C12M72EW1QFP	DRS25-O1TM72EW1QFP	DRS25-O2TM72EWAQFP