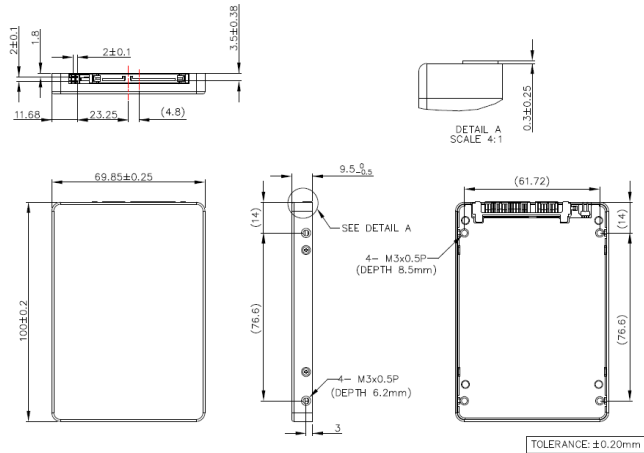


# 2.5" SATA SSD

## 3MR2-P series

### Drawing



## Specifications

Interface	SATA III
Flash Type	MLC
Flash P/E Cycle Limit	3,000
Capacity	8GB~2TB
Max. Channels	4
Sequential R/W (MB/sec, max.)	520/450
Max. Power Consumption	5.78 W (5V x 1155 mA )
Thermal Sensor	Supported
External DRAM Buffer	Supported
H/W Write Protect	Optional
S/W Write Protect	Supported
Quick Erase	Supported
ATA Security	Supported
S.M.A.R.T.	Supported
Dimension (WxLxH)	69.85 X 100.00 X 9.5 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

## Ordering Information

Operation Temp.	8GB	16GB	32GB	64GB	128GB	256GB	512GB	1TB	2TB
Standard Grade (0°C ~ +70°C)	DRS25-08GD81BC1SCP	DRS25-16GD81BC1SCP	DRS25-32GD81BC1DCP	DRS25-64GD81BC1QCP	DRS25-A28D81BC1QCP	DRS25-B56D81BC1QCP	DRS25-C12D81BC1QCP	DRS25-01TD81BCAQCP	DRS25-02TD81BCAQCP
	DRS25-08GD82BC1SCP	DRS25-16GD82BC1SCP	DRS25-32GD82BC1DCP	DRS25-64GD82BC1QCP	DRS25-A28D82BC1QCP	DRS25-B56D82BC1QCP	DRS25-C12D82BC1QCP	DRS25-01TD82BCAQCP	DRS25-02TD82BCAQCP
			DRS25-32GD82BC1QCP						
Industrial Grade (-40°C ~ +85°C)	DRS25-08GD81BW1SCP	DRS25-16GD81BW1SCP	DRS25-32GD82BW1DWP	DRS25-64GD81BW1QCP	DRS25-A28D81BW1QCP	DRS25-B56D81BW1QCP	DRS25-C12D81BW1QCP	DRS25-01TD81BWAQCP	DRS25-02TD81BWAQCP
	DRS25-08GD82BW1SCP	DRS25-16GD82BW1SCP	DRS25-32GD82BW1QWP	DRS25-64GD82BW1QCP	DRS25-A28D82BW1QCP	DRS25-B56D82BW1QCP	DRS25-C12D82BW1QCP	DRS25-01TD82BWAQCP	DRS25-02TD82BWAQCP
			DRS25-32GD82BW1QWP						