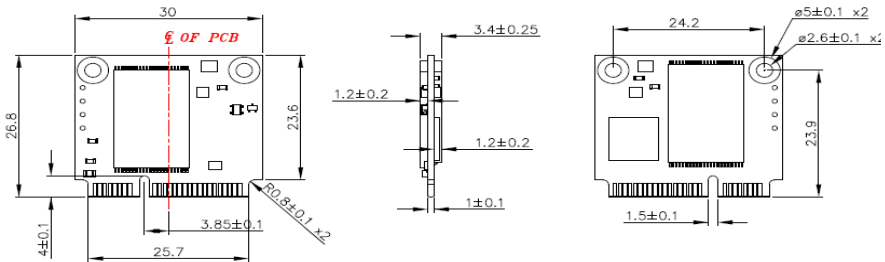


# mSATA mini

## 3ME4 series

### Diagram



UNIT: mm  
TOLERANCE: ±0.15mm

### Specifications

Interface	SATA III
Flash Type	MLC
Capacity	8GB~128GB
Max. Channels	2
Sequential R/W (MB/sec, max.)*	470 / 125
4KB Random (QD32) R/W (IOPS)**	32,000/29,000
Max. Power Consumption	0.6 W ( 3.3 V x 0.2 A )
Thermal Sensor	√
External DRAM Buffer	-
H/W Write Protect	-
ATA Security	√
S.M.A.R.T.	√
Dimension (WxLxH)	30 X 26.8 X 3.4 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours
* Sequential performance based on CrystalDiskMark 3.01 with file size 1000MB	
** Random performance based on Iometer with Queue Depth 32	

### Ordering Information

Operation Temp.	8GB	16GB	32GB	64GB	128GB
Standard Grade (0°C ~ +70°C)	DEMISM-08GM41BC1SC	DEMISM-16GM41BC1DC DEMISM-16GM41BC1SC	DEMISM-32GM41BC1DC	DEMISM-64GM41BC1DC	DEMISM-A28M41BC1DC
Industrial Grade (-40°C ~ +85°C)	DEMISM-08GM41BW1SC	DEMISM-16GM41BW1DC DEMISM-16GM41BW1SC	DEMISM-32GM41BW1DC	DEMISM-64GM41BW1DC	DEMISM-A28M41BW1DC