



mSATA 3IE4

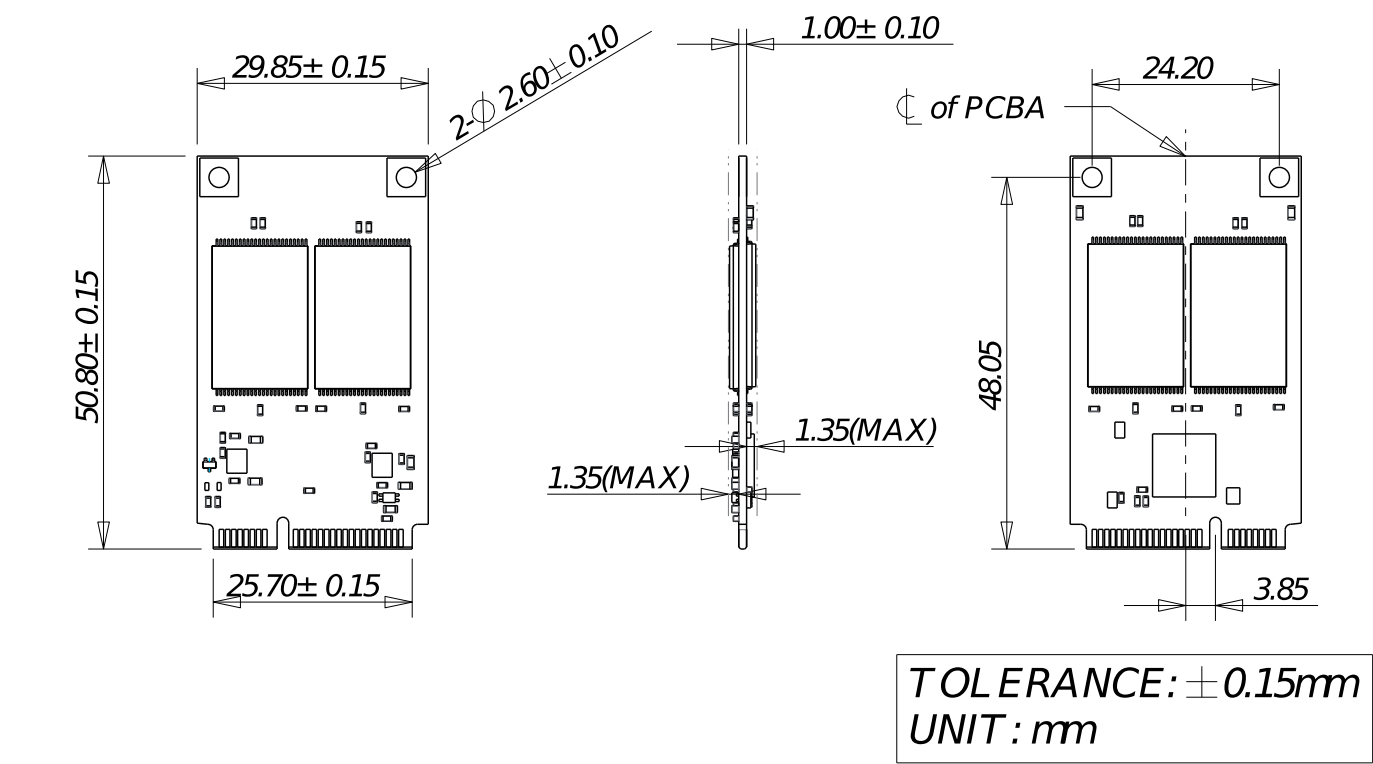
HIGHLIGHT FEATURES

- Followed JEDEC MO-300 standard
- LDPC technology secures SSD reliability
- DRAM-less, high-level data integrity
- Excellent IOPS boosts system performance
- Supports S.M.A.R.T., TRIM, and NCQ
- Supports wide temperature from -40°C to 85°C

SPECIFICATIONS

Model Name	mSATA 3IE4
Flash Type	iSLC (MLC)
Interface	SATA III 6.0 Gb/s
Form Factor	MO-300
Capacity	8GB ~ 128GB
Sequential R / W (MB/sec, max.)	530 / 365
P/E Cycle	20,000
TBW (Max.)	1,388
Storage Temperature	-55°C ~ 95°C
Max. Power Consumption	0.6W
Max. Channels	2
External DRAM Buffer	N
H/W Write Protect	Y (Optional)
S.M.A.R.T.	Y
AES	N
TCG Opal	N
Dimension (W x L x H/mm)	29.85 x 50.8 x 3.7
Vibration	20G@[7 ~ 2000Hz]
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	5 Years

DIAGRAM



ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)	Industrial Grade (-40°C ~ 85°C)
8GB	DHMSR-08GM41BC1&C	DHMSR-08GM41BC1&C
16GB	DHMSR-16GM41BC1DC	DHMSR-16GM41BW1DC
32GB	DHMSR-32GM41BC1DC	DHMSR-32GM41BW1DC
64GB	DHMSR-64GM41BC1DC	DHMSR-64GM41BW1DC
128GB	DHMSR-A28M41BC1DC	DHMSR-A28M41BW1DC

&. S : 1 channel / D : 2 channels

