

E3.S 4TS2-P

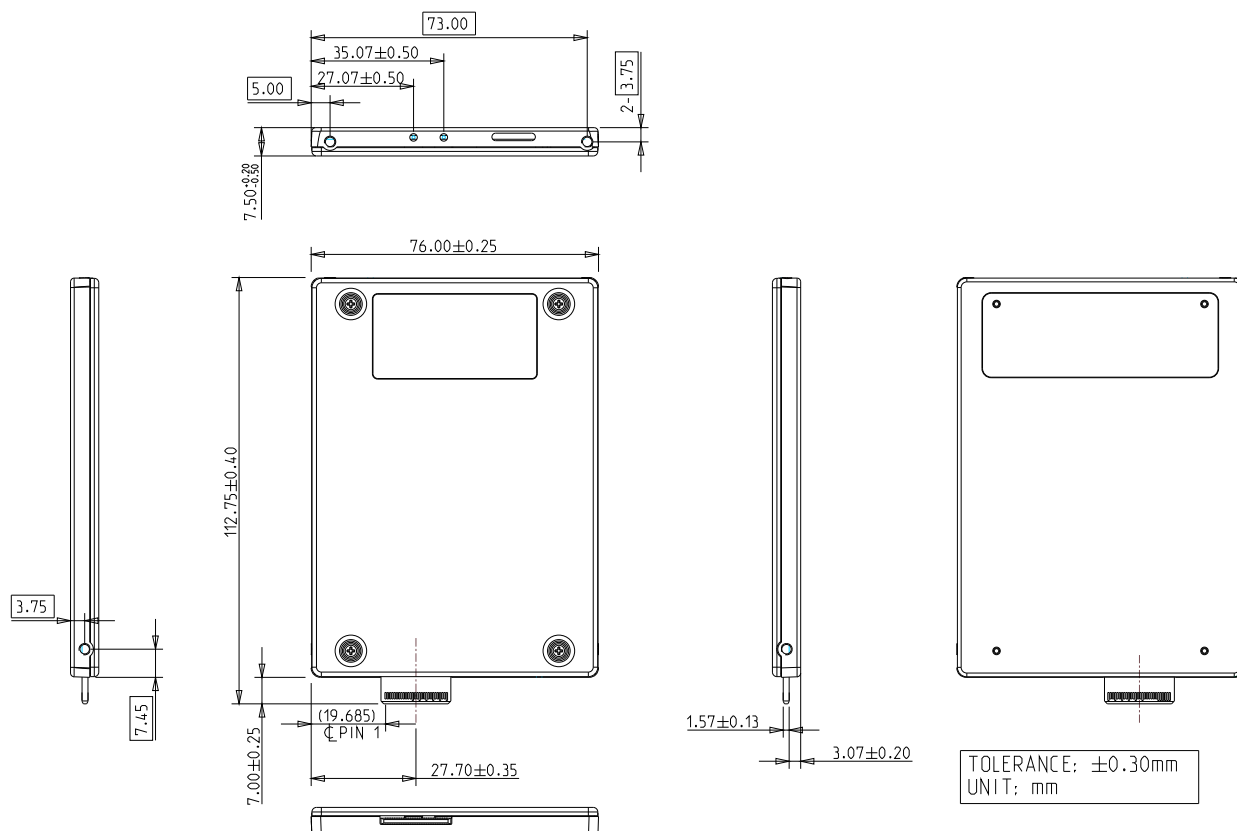
HIGHLIGHT FEATURES

- PCIe Gen 4 x4, NVMe 1.4
- PLP (iCell) technology for power loss protection
- Stable sustained performance
- LDPC ECC engine supported
- Dynamic thermal management

SPECIFICATIONS

Model Name	E3.S 4TS2-P
Flash Type	3D TLC
Interface	PCIe Gen 4 x4
Form Factor	E3.S 1T
Capacity	400GB ~ 12.8TB
Sequential R / W (MB/sec, max.)	5,050 / 4,750
P/E Cycle	3,000
TBW (Max.)	--
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	12W
Max. Channels	8
External DRAM Buffer	Y
H/W Write Protect	N
S.M.A.R.T.	Y
AES	Y
TCG Opal	Y
Dimension (W x L x H/mm)	76.0 x 112.75 x 7.5
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)
400GB	DSE3S-400DP2KCAEFP	DSE3S-400DP2KWAEFP
800GB	DSE3S-800DP2KCAEFP	DSE3S-800DP2KWAEFP
1.6TB	DSE3S-1T6DP2KCAEFP	DSE3S-1T6DP2KWAEFP
3.2TB	DSE3S-3T2DP2KCAEFP	DSE3S-3T2DP2KWAEFP
6.4TB	DSE3S-6T4DP2KCBEPF	DSE3S-6T4DP2KWBEFP
12.8TB	DSE3S-12TDP2KCBEPF	DSE3S-12TDP2KWBEFP

Operation temperature based on temperature obtained from S.M.A.R.T.
E3.S 4TS2-P specifications are subject to change.

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