

E1.S 4TS2-P

HIGHLIGHT FEATURES



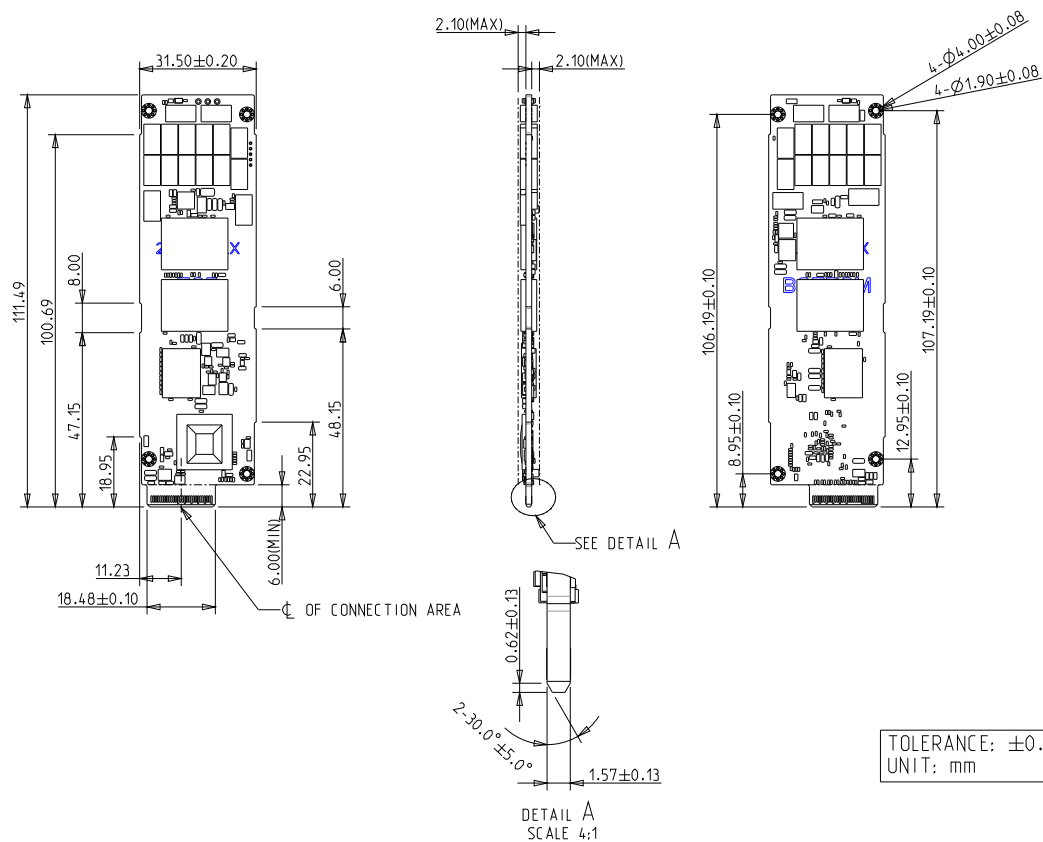
- PCIe Gen 4 x4, NVMe 1.4
- PLP (iCell) technology for power loss protection
- Stable sustained performance
- LDPC ECC engine supported
- Dynamic thermal management

SPECIFICATIONS

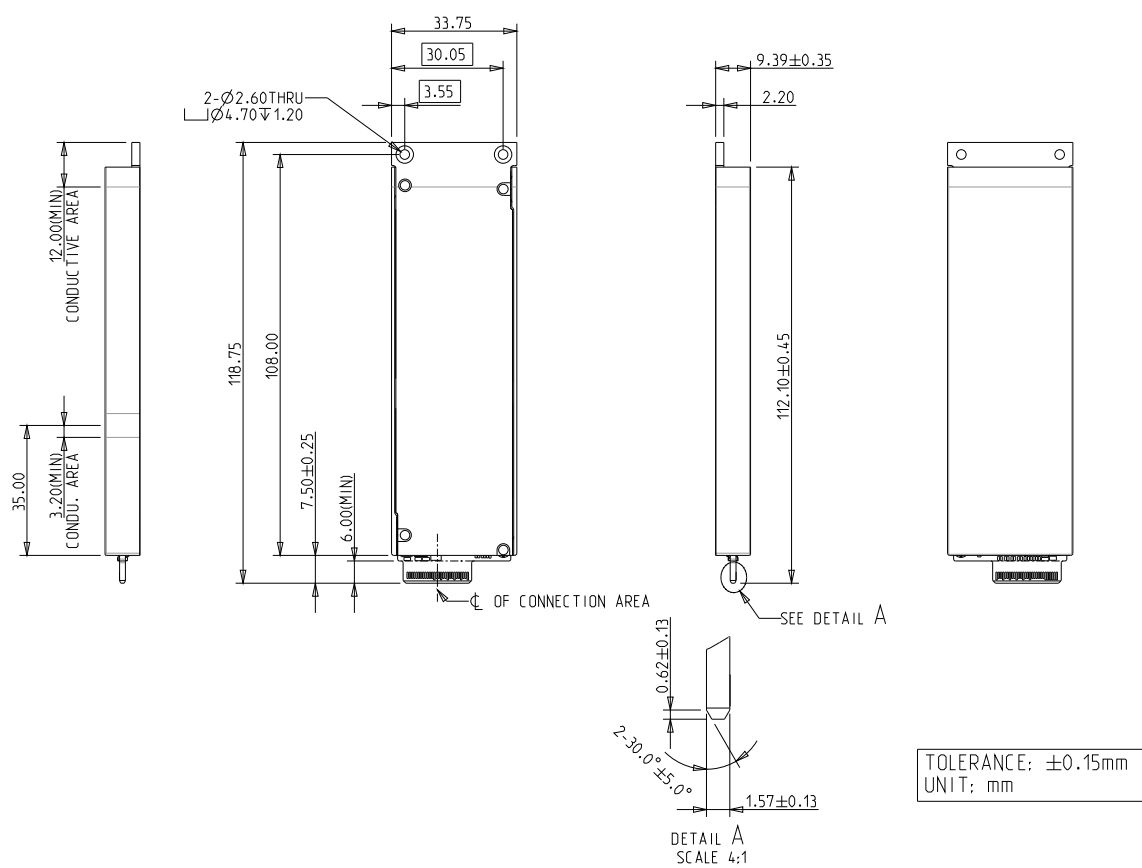
Model Name	E1.S 4TS2-P	
Flash Type	3D TLC	
Interface	PCIe Gen 4 x4	
Form Factor	E1.S	
Capacity	400GB ~ 1.6TB	480GB ~ 1.92TB
Sequential R / W (MB/sec, max.)	6,900 / 4,650	
P/E Cycle	7,000	
TBW (Max.)	6,207 (DWPD=2)	3,522 (DWPD=1)
Storage Temperature	-40°C ~ 85°C	
Max. Power Consumption	9.9W	
Max. Channels	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)	5.9mm : 31.5 x 111.5 x 5.9 9.5mm : 33.75 x 118.75 x 9.5 15mm : 33.75 x 118.75 x 15.0	
Vibration	20G@[7 ~ 2000Hz]	
Shock	1500G@0.5ms	
MTBF	>3 million hours	
Warranty	5 Years	

DIAGRAM

5.9mm

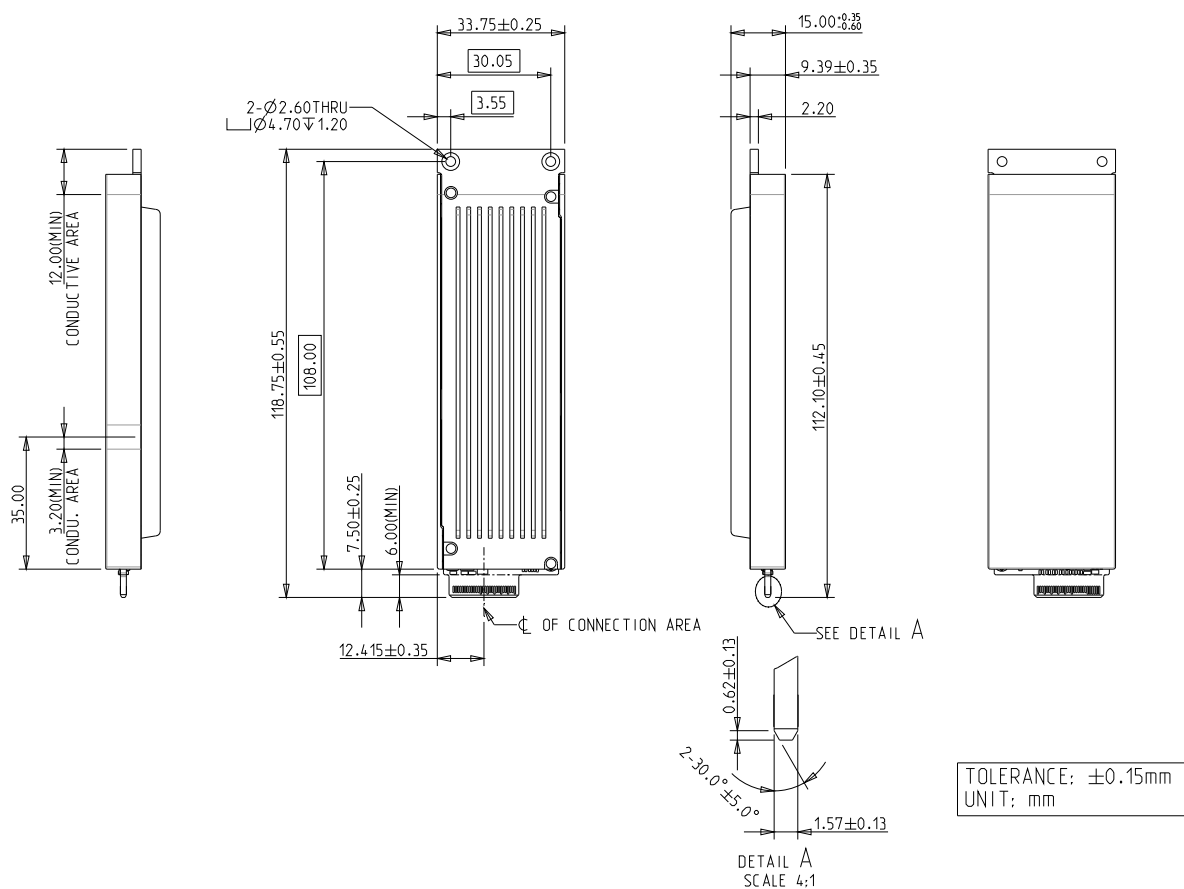


9.5mm



DIAGRAM

15mm



ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)
400GB	DSE1S-400DP2NCAEFP%
480GB	DSE1S-480DP2NCAEFP%
800GB	DSE1S-800DP2NCAEFP%
960GB	DSE1S-960DP2NCAEFP%
1.6TB	DSE1S-1T6DP2NCAEFP%
1.92TB	DSE1S-1T9DP2NCAEFP%

Operation temperature based on temperature obtained from S.M.A.R.T.
 % : Non-existent=5.9mm / H=9.5mm enclosure / H1=15mm enclosure
 E1.S 4TS2-P specifications are subject to change.

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