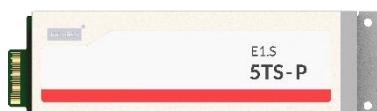


E1.S 5TS-P

HIGHLIGHT FEATURES



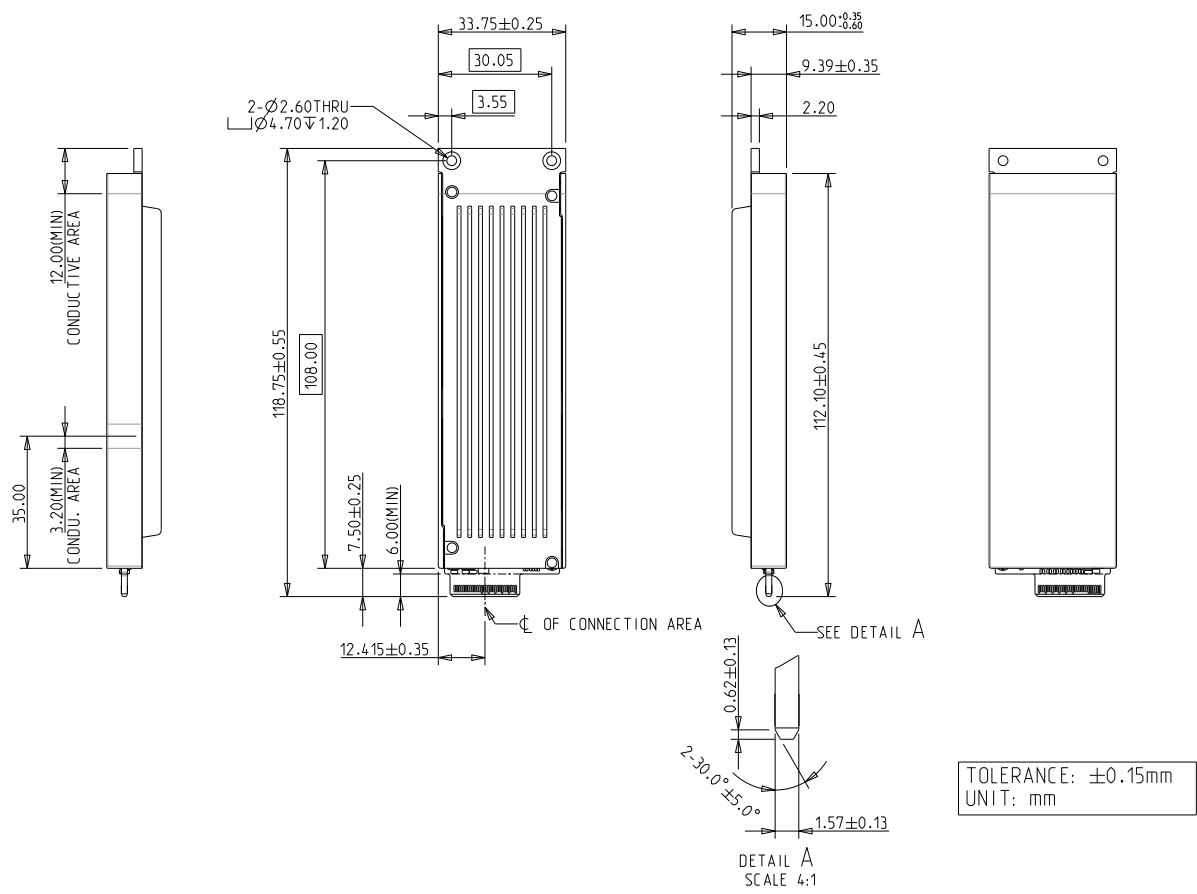
- PCIe Gen 5 x4, NVMe 2.0
- PLP (iCell) technology for power loss protection
- Stable sustained performance
- LDPC ECC engine supported
- Dynamic thermal management
- OCP Datacenter NVMe SSD 2.0 compliance

SPECIFICATIONS

Model Name	E1.S 5TS-P
Flash Type	3D eTLC
Interface	PCIe Gen 5 x4
Form Factor	E1.S
Capacity	1.92TB~7.69TB
Sequential R / W (MB/sec, max.)	14,000 / 10,000
P/E Cycle	10,000
TBW (Max.)	14,000
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	25W
Max. Channels	16
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)	15mm : 33.75 x 118.75 x 15.0
Vibration	20G@[7 ~ 2000Hz]
Shock	1500G@0.5ms
MTBF	>2 million hours
Warranty	5 Years

DIAGRAM

E1.S 5TS-P



ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)
1.92TB	DSE1S-1T9IX1UCAHHPH1
3.84TB	DSE1S-3T8IX1UCAHHPH1
7.68TB	DSE1S-7T6IX1UCAHHPH1

Operation temperature based on temperature obtained from S.M.A.R.T.
E1.S 5TS-P specifications are subject to change.

