



SATADOM-SH 3IE7

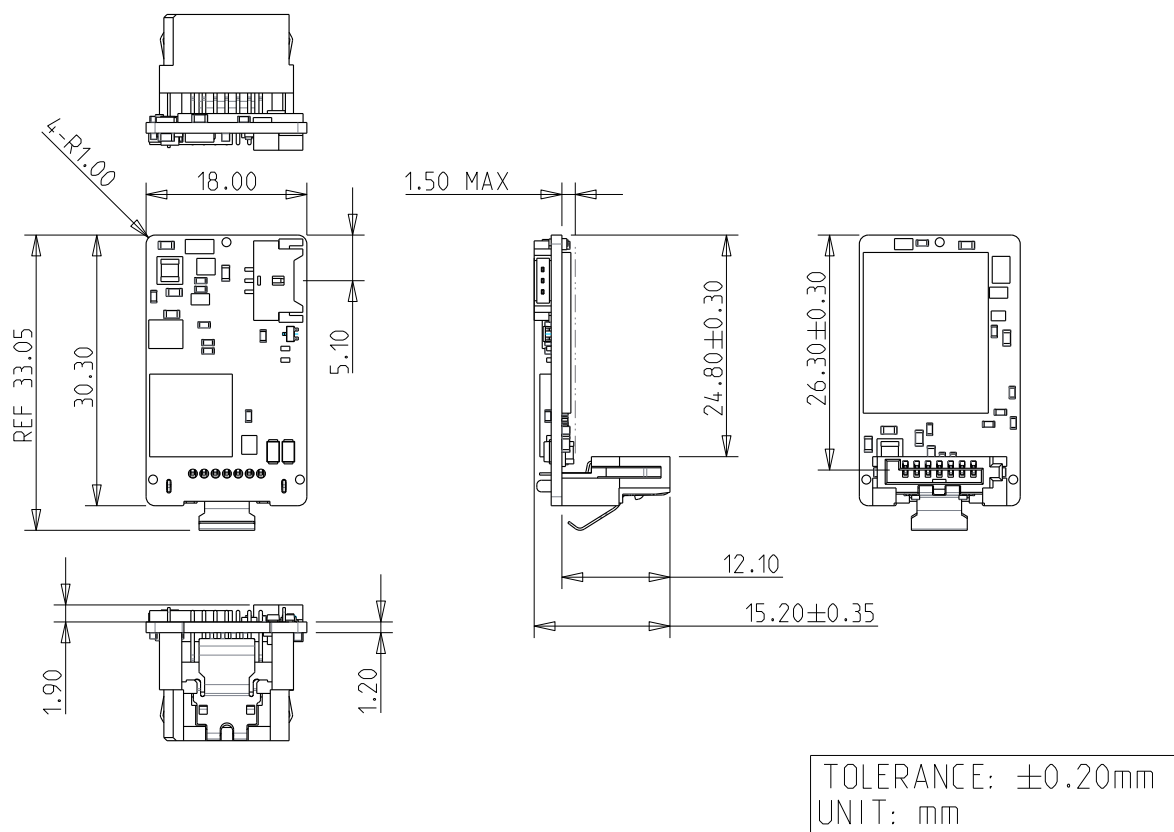
HIGHLIGHT FEATURES

- SATA III solution for industrial field
- Ultra iSLC technology
- DRAM-less, 100% data integrity
- Excellent random performance
- Designed with hardware LDPC ECC engine
- Built-in Pin 8 power supply
- Supports wide temperature from -40°C to 85°C

SPECIFICATIONS

Model Name	SATADOM-SH 3IE7
Flash Type	iSLC (3D TLC)
Interface	SATA III 6.0 Gb/s
Form Factor	SATADOM-SH
Capacity	20GB ~ 160GB
Sequential R / W (MB/sec, max.)	550 / 480
P/E Cycle	100,000
TBW (Max.)	10,000
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	1.5W
Max. Channels	2
External DRAM Buffer	N
H/W Write Protect	N
S.M.A.R.T.	Y
AES	Y (Optional)
TCG Opal	N
Dimension (W x L x H/mm)	33.05 x 18.0 x 15.2
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)
20GB	DHSSH-20GDK1KCASL*	DHSSH-20GDK1KWASL*
40GB	DHSSH-40GDK1KCADL*	DHSSH-40GDK1KWADL*
80GB	DHSSH-80GDK1KCADL*	DHSSH-80GDK1KWADL*
160GB	DHSSH-A60DK1KCADL*	DHSSH-A60DK1KWADL*

*PN end with A : Pin 8 + power cable / B : Pin 8 + Pin 7

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