



SATADOM-SV 3IE7

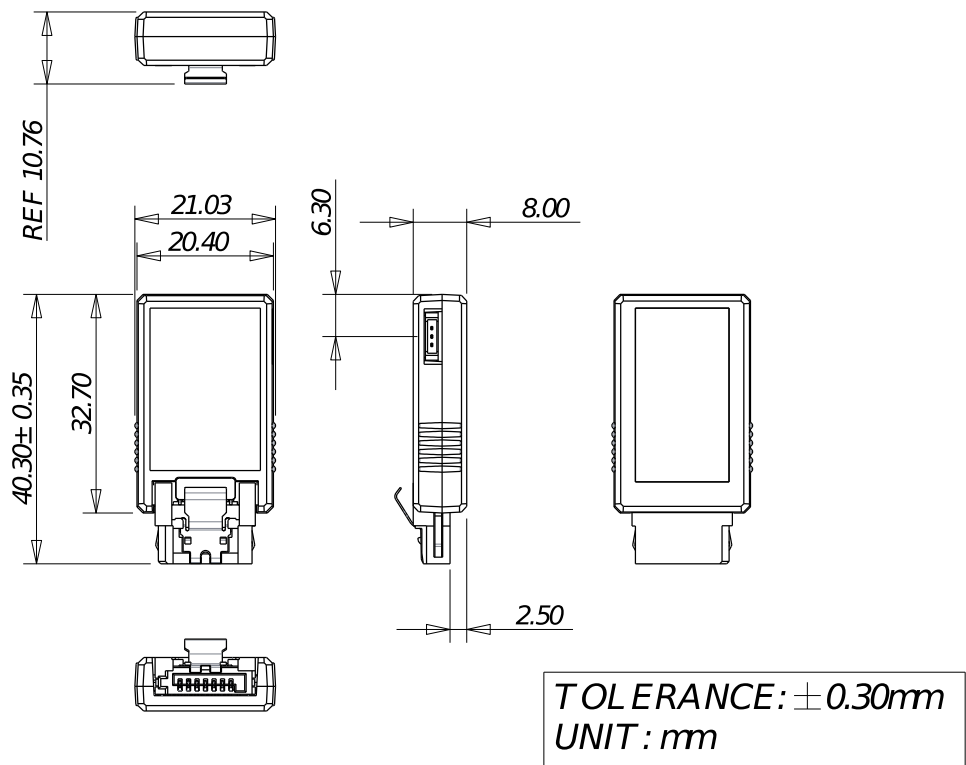
HIGHLIGHT FEATURES

- SATA III solution for industrial field
- Support 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-SV 3IE7
Flash Type	iSLC (3D TLC)
Interface	SATA III 6.0 Gb/s
Form Factor	SATADOM-SV
Capacity	20GB ~ 160GB
Sequential R / W (MB/sec, max.)	550 / 460
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)	40.3 x 21.03 x 10.76
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	DHSSV-20GDK1KCASF*	DHSSV-20GDK1KWASF*
40GB	DHSSV-40GDK1KCADF*	DHSSV-40GDK1KWADF*
80GB	DHSSV-80GDK1KCADF*	DHSSV-80GDK1KWADF*
160GB	DHSSV-A60DK1KCADF*	DHSSV-A60DK1KWADF*

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

