

InnoLite mSATA mini D150Q



Features

- JEDEC MO-300 form factor
- S.M.A.R.T. & i-S.M.A.R.T. Supported
- Intelligent system for error recovery
- Built-in hardware BCH ECC
- Bad block management

R:65MB/s
W:20MB/s

SATA II
3Gb/s

ECC &
Wear leveling

Thermal
sensor

S.M.A.R.T

Specifications

Connector Type	miniPCIe Pin Define for SATA Signal, 23:TX+; 25:TX-; 31:RX-; 33:RX+
Flash Type	MLC (Multi Level Cell)
Density	4GB, 8GB, 16GB, 32GB, 64GB
Interface	SATA II, SATA I, PIO 0~4, MDMA 0~2, UDMA 0~6
Sustained R/W Performance	Read : 65 MB/sec (max.) Write : 20 MB/sec (max.)

Environmental

DC Input	+3.3V DC $\pm$ 5%
Power consumption (Max.)	Read: 180 mA Write: 220 mA Idle: 110 mA
Operating Temperature	0°C~+70°C (Standard Grade) -20°C~+85°C (Extended Grade)
Storage Temperature	-55°C~+95°C
Humidity	Relative Humidity: 10-95%, non-condensing
Endurance	3,000 program/erase cycles
MTBF	> 3,000,000 hours
Certification	CE, FCC, RoHS
Warranty	2 years

Mechanicals

Dimension (W x L x H)	29.85mm x 26.8mm x 3.7mm
Weight	7g $\pm$ 1g
Vibration	7 Hz to 2K Hz, , 3 axes
Shock	Duration: 0.5ms, 1500G, 3 axes

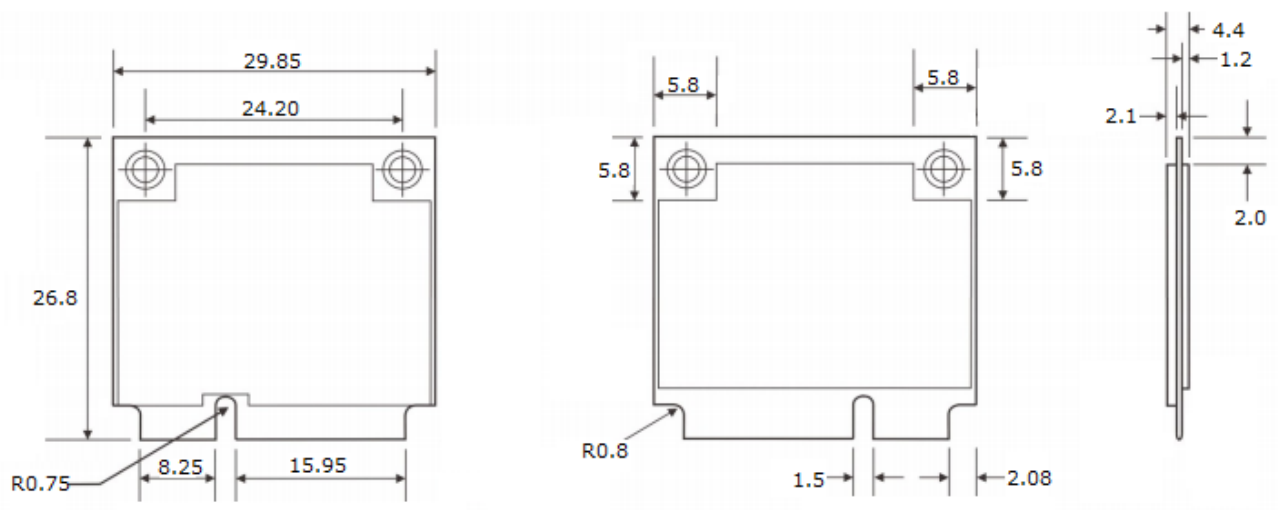
Health monitoring Tool

S.M.A.R.T.	Supported
i-S.M.A.R.T.	Supported (Utility for Windows, Linux)

Ordering Information

Capacity	Standard Grade	Extended Grade
4GB	DHPS- <u>04</u> GJ30A <u>C</u> 1SN	DHPS- <u>04</u> GJ30A <u>E</u> 1SN
8GB	DHPS- <u>08</u> GJ30A <u>C</u> 1DN	DHPS- <u>08</u> GJ30A <u>E</u> 1DN
16GB	DHPS- <u>16</u> GJ30A <u>C</u> 1DN	DHPS- <u>16</u> GJ30A <u>E</u> 1DN
32GB	DHPS- <u>32</u> GJ30A <u>C</u> 1DN	DHPS- <u>32</u> GJ30A <u>E</u> 1DN
64GB	DHPS- <u>64</u> GJ30A <u>C</u> 1DN	DHPS- <u>64</u> GJ30A <u>E</u> 1DN

Mechanical Dimension



InnoLite mSATA mini D150Q mechanical dimensions
(* Tolerance is $\pm 0.1\text{mm}$)

**The drawing dimension is only reference purpose; the reality mechanical size might have slightly different cause by processing tolerance.