

USB EDC VERTICAL TYPE D



FEATURES

- Support static wear leveling algorithm
- Intelligent system for error recovery
- Excellent data transfer speed
- Enhanced power cycling
- Pin Pitch 2.54mm

R: 32MB
W: 20MB

USB 2.0

ECC &
Wear Leveling

Enhanced
Power Cycling

Specifications

Connector Type	Standard Type II
Flash Type	SLC (Single Level Cell)
Density	512MB-4GB
Interface	USB 2.0
Sustained R/W Performance	Read : 32 MB/sec (max.) Write : 20 MB/sec (max.)
H/W Write Protect	Optional

Environmental

DC Input	5V DC $\pm$ 5%
Power consumption (Max.)	Read: 100 mA Write: 110 mA Idle: 55 μ A
Operating Temperature	0°C~+70°C (Standard Grade) -40°C~+85°C (Industrial Grade)
Storage Temperature	-55°C~+95°C
Humidity	Relative Humidity: 10-95%, non-condensing
Flash Endurance	100,000 program/erase cycles
MTBF	> 3,000,000 hours
Certification	CE, FCC, RoHS
Warranty	5 years

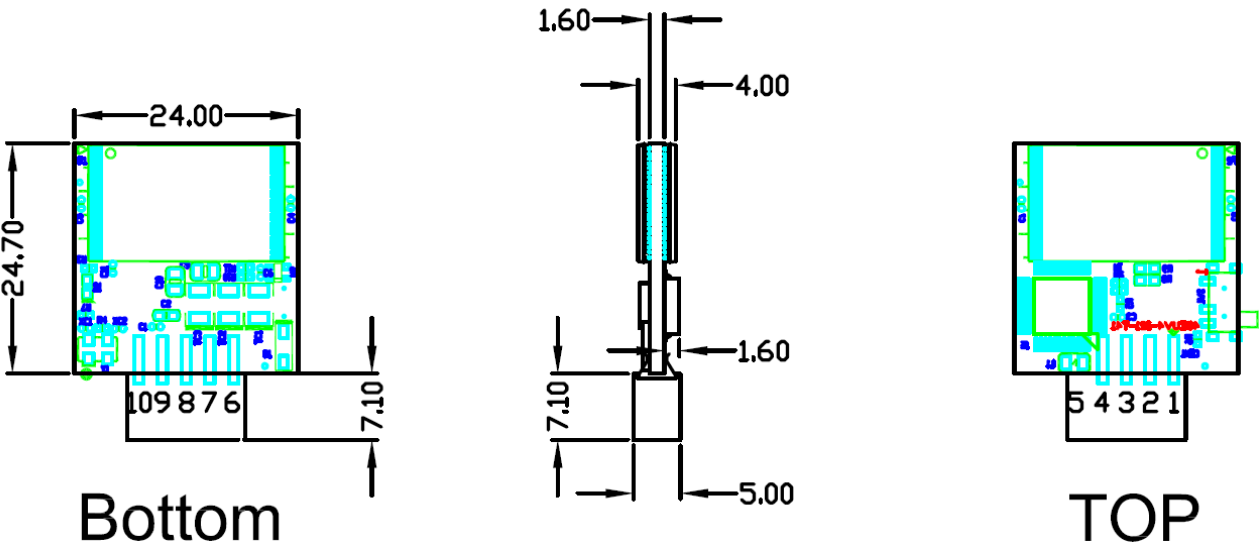
Mechanicals

Dimension (W x L x H)	24.0 x 31.8 x 5.0 mm ($\pm$ 0.1mm)
Weight	3.5g $\pm$ 0.05g
Vibration	7 Hz to 2K Hz, 5G, 3 axes
Shock	Duration: 0.5ms, 50G, 3 axes

Ordering Information

Capacity	Standard Grade	Industrial Grade
512MB	DEUV4- <u>512</u> I21A <u>C</u> 1SS	DEUV4- <u>512</u> I21A <u>W</u> 1SS
1GB	DEUV4- <u>01G</u> I21A <u>C</u> 1SS	DEUV4- <u>01G</u> I21A <u>W</u> 1SS
2GB	DEUV4- <u>02G</u> I21A <u>C</u> 1DS	DEUV4- <u>02G</u> I21A <u>W</u> 1DS
4GB	DEUV4- <u>04G</u> I21A <u>C</u> 1DS	DEUV4- <u>04G</u> I21A <u>W</u> 1DS

Mechanical Dimension



Tolerance $\pm 0.1\text{mm}$

Pin No.	Signal	Pin No.	Signal
1	+5VDC	6	NC
2	USB Data(-)	7	NC
3	USB Data(+)	8	NC
4	GND	9	NC
5	NC	10	NC

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