

Datasheet

USB EDC Horizontal 2ME2 series

- High performance with USB 2.0 interface
- Wear-leveling supported
- Low power consumption
- ECC capability up to 72-bit/1024 Bytes
- Pin pitch 2.54mm/2.00mm
- Mounting hole supported



Introduction

The Innodisk USB EDC (Embedded Disk Card) products provide high capacity USB flash memory storage that electrically complies with USB 2.0. The device features attractive small form factor and the connectivity over USB2.0 and the NAND flash architecture provide a faster data transmission.

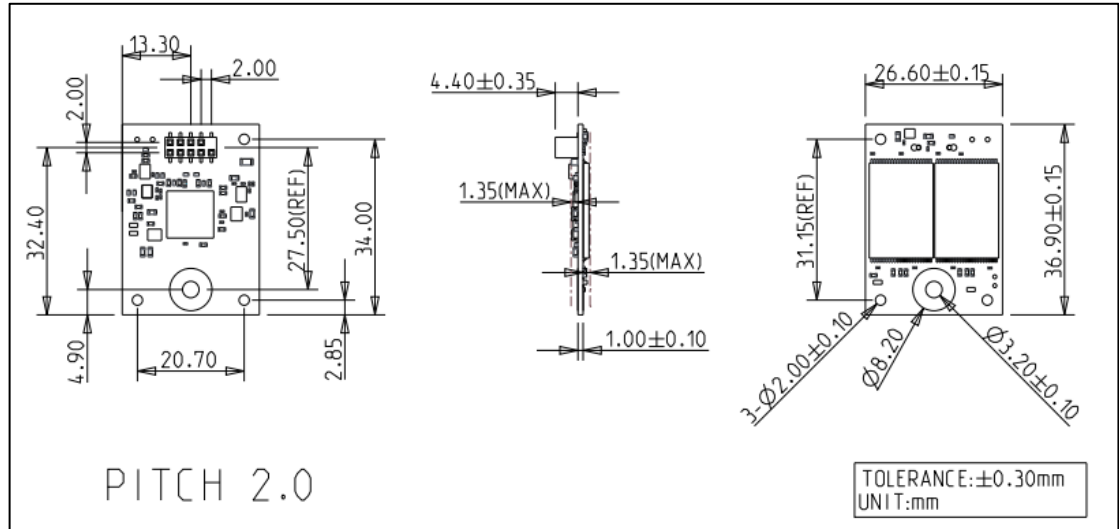
USB EDC Horizontal 2ME2 series

Drawing

Contact us for more information
about the USB EDC Horizontal 2ME2

Innodisk is a service-driven provider of industrial embedded flash and DRAM storage products and technologies, with a focus on the cloud computing, industrial/embedded, and aerospace and defense industries.

Pin pitch 2.00mm



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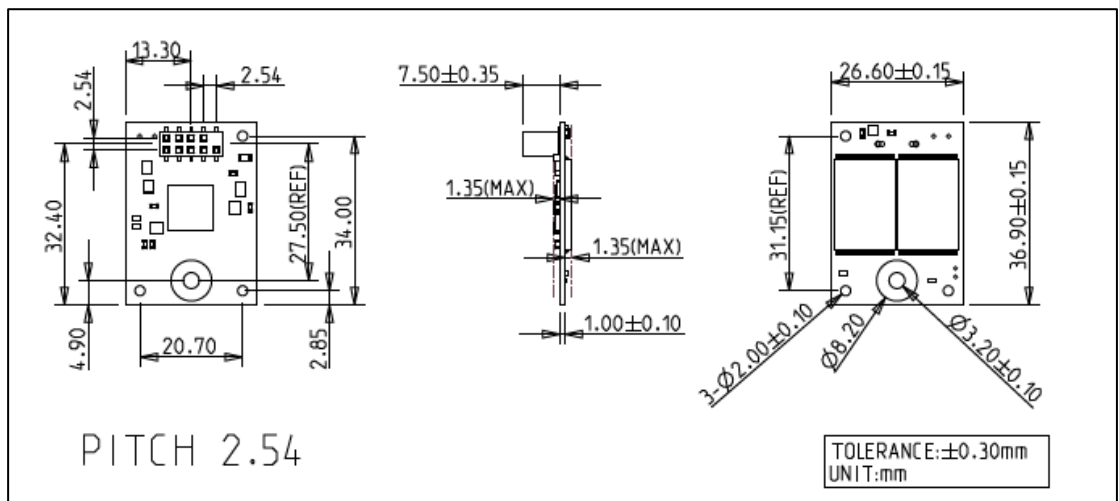
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Pin pitch 2.54mm



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Specifications

Interface	USB 2.0
Flash Type	MLC
Connector	Standard, 9 pin, 2.54mm Low profile, 9 pin, 2.00mm
Capacity	8GB~128GB
Max. Channels	1
Sequential R/W (MB/sec, max.)	40/25
Max. Power Consumption	0.45W
H/W Write Protect	Optional
S.M.A.R.T.	Y
Dimension (WxLxH)	26.6x36.9x6.75mm (Pin Pitch 2.00mm) 26.6x36.9x9.85mm (Pin Pitch 2.54mm)
Environment	Vibration: 5G @7~2000Hz Shock: 50G @ 0.5ms Storage Temperature: -40°C ~ +85°C MTBF: 3 million hours

Ordering Information

Operation Temp.	8GB	16GB	32GB	64GB	128GB
Standard Grade (0°C ~ +70°C)	DEUH%- 08GDQ1BC1SC	DEUH%- 16GDQ1BC1SC	DEUH%- 32GDQ1BC1SC	DEUH%- 64GDQ1BC1SC	DEUH%- A28DQ1BC1SC
Industrial Grade (-40°C ~ +85°C)	DEUH%- 08GDQ1BW1SC	DEUH%- 16GDQ1BW1SC	DEUH%- 32GDQ1BW1SC	DEUH%- 64GDQ1BW1SC	DEUH%- A28DQ1BW1SC

% . 1: pin pitch = 2.54mm/2: pin pitch = 2.00mm