

Datasheet

USB EDC Horizontal 2SE2 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.

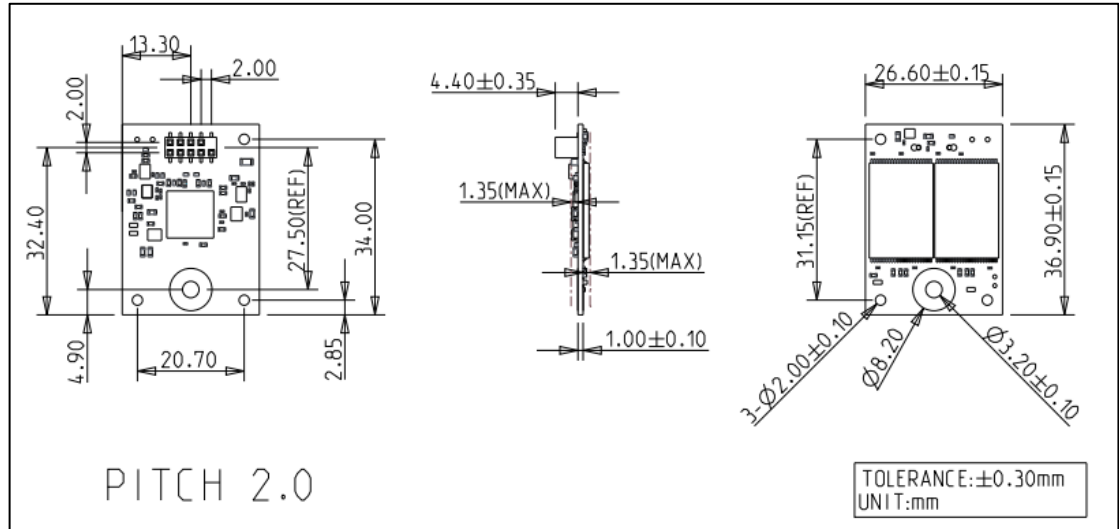
USB EDC Horizontal 2SE2 series

Drawing

Contact us for more information
about the USB EDC Horizontal 2SE2

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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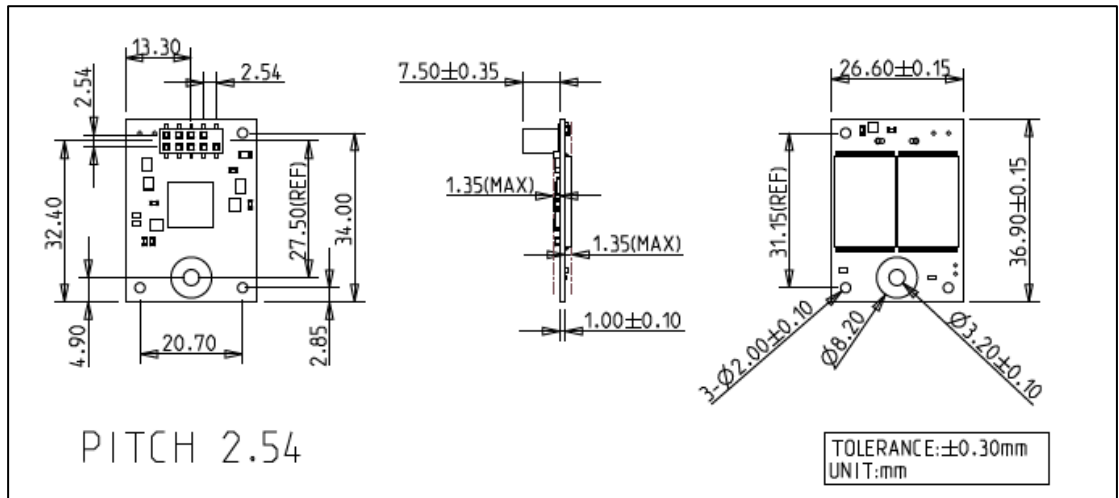
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Pin pitch 2.54mm



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Specifications

Interface	USB 2.0
Flash Type	SLC
Connector	Standard, 9 pin, 2.54mm Low profile, 9 pin, 2.00mm
Capacity	512MB~32GB
Max. Channels	1
Sequential R/W (MB/sec, max.)	30/20
Max. Power Consumption	0.51W
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.	512MB	1GB	2GB	4GB	8GB	16GB	32GB
Standard Grade (0°C ~ +70°C)	DEUH%- 512DQ1AC1SB	DEUH%- 01GDQ1AC1SB	DEUH%- 02GDQ1AC1SB	DEUH%- 04GDQ1AC1SB	DEUH%- 08GDQ1AC1SB	DEUH%- 16GDQ1AC1SB	DEUH%- 32GDQ1AC1SB
Industrial Grade (-40°C ~ +85°C)	DEUH%- 512DQ1AW1SB	DEUH%- 01GDQ1AW1SB	DEUH%- 02GDQ1AW1SB	DEUH%- 04GDQ1AW1SB	DEUH%- 08GDQ1AW1SB	DEUH%- 16GDQ1AW1SB	DEUH%- 32GDQ1AW1SB

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