

Datasheet

# USB EDC Horizontal 2SE series

- Excellent data transfer speed
- Wear-leveling supported
- Low power consumption
- Pin pitch 2.54mm/2.00mm
- Mounting hole supported



## Introduction

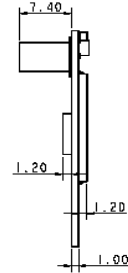
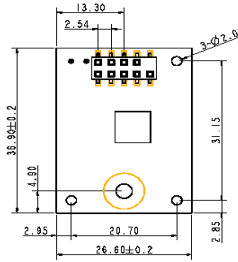
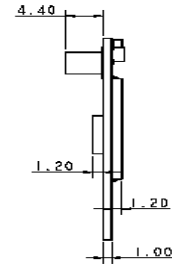
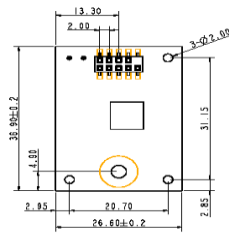
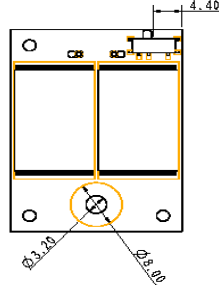
The Innodisk USB EDC (Embedded Disk Card) products provide high capacity USB flash memory storage that electrically complies with High-speed USB 2.0 interface & backward compatible with USB 1.1. The device features attractive small form factor and the connectivity over USB2.0 and the NAND flash architecture provide a faster data transmission.

# USB EDC Horizontal 2SE series

## Drawing

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

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.



## Specifications

Interface	USB 2.0
Flash Type	SLC
Connector	Standard, 10pin, 2.54mm Low profile, 10pin, 2.00mm
Flash P/E cycle	100,000
Capacity	512MB~32GB
Max. Channels	1
Sequential R/W (MB/sec, max.)	28 / 24
Max. Power Consumption	0.85 W (5V X 170mA)
H/W Write Protect	Optional
S.M.A.R.T.	v (v3.2.2 or newer version)
Dimension (WxLxH)	26.6x36.9x9.6mm (Pin Pitch 2.54) 26.6x36.9x6.6mm (Pin Pitch 2.00)
Environment	Vibration: 5G @7~2000Hz Shock: 50G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

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## Ordering Information

Pin Pitch	2.54mm						
Operation Temp.	512MB	1GB	2GB	4GB	8GB	16GB	32GB
Standard Grade (0°C ~ +70°C)	DEUH1-512I72AC1SB	DEUH1-01GI72AC1SB	DEUH1-02GI72AC1SB	DEUH1-04GI72AC1SB	DEUH1-08GI72AC1SB	DEUH1-16GI72AC1SB	DEUH1-32GI72AC1SB
Industrial Grade (-40°C ~ +85°C)	DEUH1-512I72AW1SB	DEUH1-01GI72AW1SB	DEUH1-02GI72AW1SB	DEUH1-04GI72AW1SB	DEUH1-08GI72AW1SB	DEUH1-16GI72AW1SB	DEUH1-32GI72AW1SB
Pin Pitch	2.00mm						
Operation Temp.	512MB	1GB	2GB	4GB	8GB	16GB	32GB
Standard Grade (0°C ~ +70°C)	DEUH2-512I72AC1SB	DEUH2-01GI72AC1SB	DEUH2-02GI72AC1SB	DEUH2-04GI72AC1SB	DEUH2-08GI72AC1SB	DEUH2-16GI72AC1SB	DEUH2-32GI72AC1SB
Industrial Grade (-40°C ~ +85°C)	DEUH2-512I72AW1SB	DEUH2-01GI72AW1SB	DEUH2-02GI72AW1SB	DEUH2-04GI72AW1SB	DEUH2-08GI72AW1SB	DEUH2-16GI72AW1SB	DEUH2-32GI72AW1SB

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