

CF to IDE Board

--- ADGx-CFMS01 Series ---

OUTLINE

This product is an adapter for using True-IDE mode as a 2.5inch and 3.5 inch IDE drive.

FEATURES

Form factor

2.5 inch / 3.5 inch

Media slot

CompactFlash™ Type I (True-IDE mode) : 2.5 / 3.5 inch

CompactFlash™ Type II (True-IDE mode) : 3.5inch

Operating Voltage

Vcc = 5.0V +/- 10%

Temperature

0 °C to 60 °C

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- The information contained herein is presented only as a guide for the applications of our products. No responsibility is assumed by Hagiwara Sys-Com Co., Ltd for any infringements of intellectual property or other rights of third parties which may result from its use.
- This product is not designed to use in an application that demands especially high quality and reliability or where its failure or malfunction may directly threaten human life or cause risk of bodily injury, such as medical equipment for life support, nuclear power, aerospace or transportation. Semiconductor devices in general can malfunction or fail. It is the responsibility of the buyer when design your applications,
- In developing your designs, please ensure that this product are used within guaranteed operating ranges.

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Product Models2.5inch

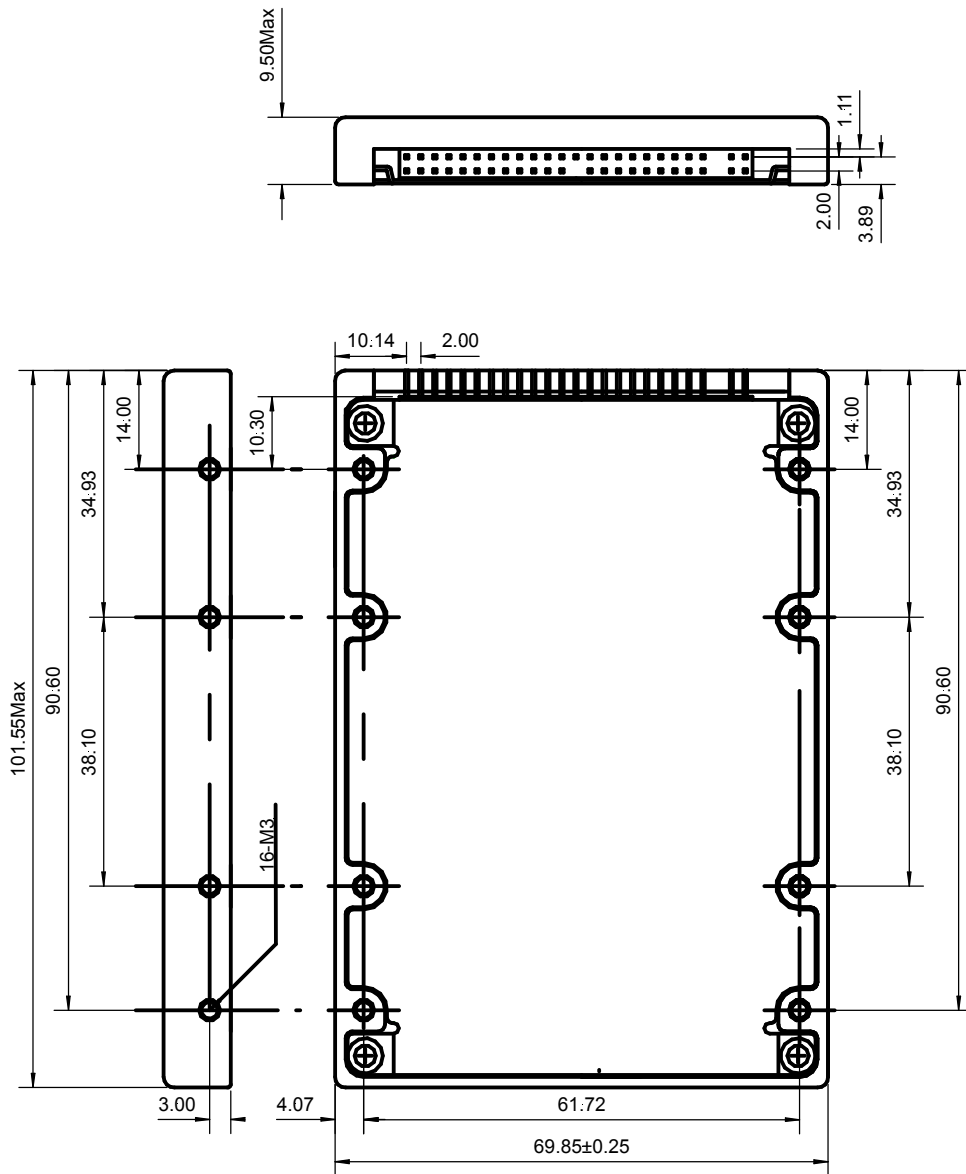
Model No.
ADG2-CFM01

3.5inch

Model No.
ADG3-CFMS01

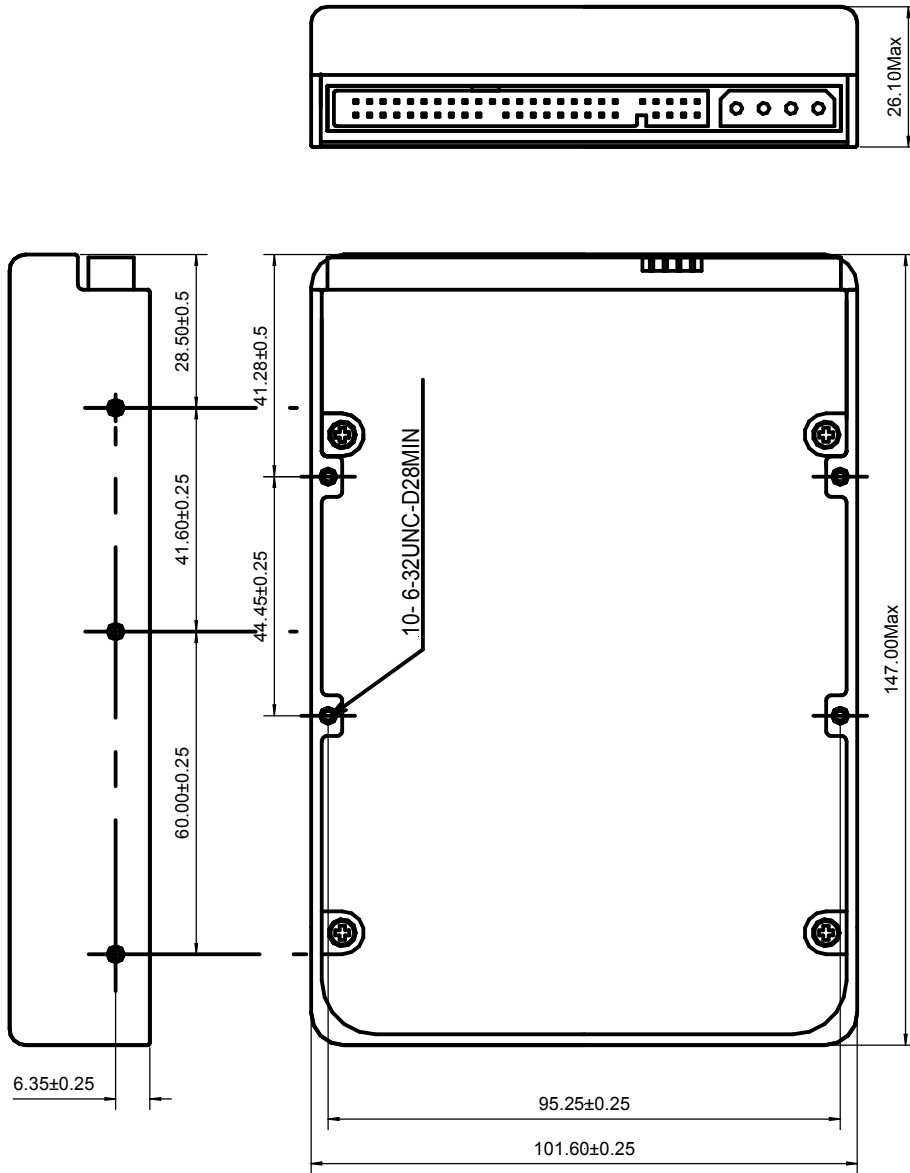
Physical Dimension

2.5inch



Dimensions (mm)

3.5inch



Dimensions (mm)

Master/Slave setting

2.5inch

The following shows how to setup for selecting Device0(Master) or Device1(Slave).

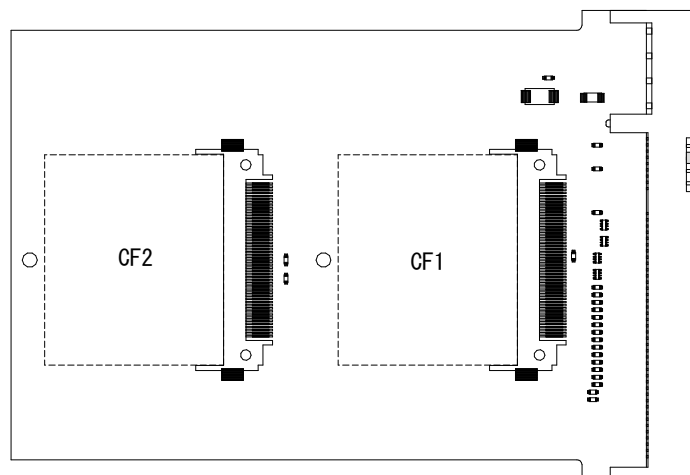


3.5inch

	CF1	CF2	Jumper Switch
CF 2pcs	Device1(Slave)	Device0(Master)	
CF 1pc	—	Device0(Master)	—
	Device0(Master)	—	
	Device1(Slave)		
	Cable Select		

* In case 2pcs of CF Cards are on board, another product cannot be connected to the same cable as this drive.

* CF 2 is fixed as Device0(Master).



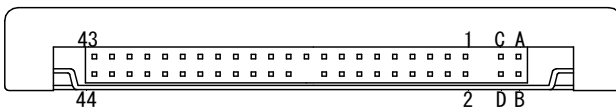
Pin Assignment

Pin Num	Signal Name	Pin Type	Pin Num	Signal Name	Pin Type
1	-RESET	I	2	GND	—
3	DD7	I/O	4	DD8	I/O
5	DD6	I/O	6	DD9	I/O
7	DD5	I/O	8	DD10	I/O
9	DD4	I/O	10	DD11	I/O
11	DD3	I/O	12	DD12	I/O
13	DD2	I/O	14	DD13	I/O
15	DD1	I/O	16	DD14	I/O
17	DD0	I/O	18	DD15	I/O
19	GND	—	20	KEY(NC)	—
21	DMARQ(NC)	—	22	GND	—
23	-DIOW	I	24	GND	—
25	-DIOR	I	26	GND	—
27	IORDY	O	28	CSEL	I
29	-DMACK(NC)	—	30	GND	—
31	INTRQ	O	32	-IOIS16	O
33	DA1	I	34	-PDIAG	I/O
35	DA0	I	36	DA2	I
37	-CS0	I	38	-CS1	I
39	-DASP	I/O	40	GND	—
41	+5V	—	42	+5V	—
43	NC	—	44	NC	—

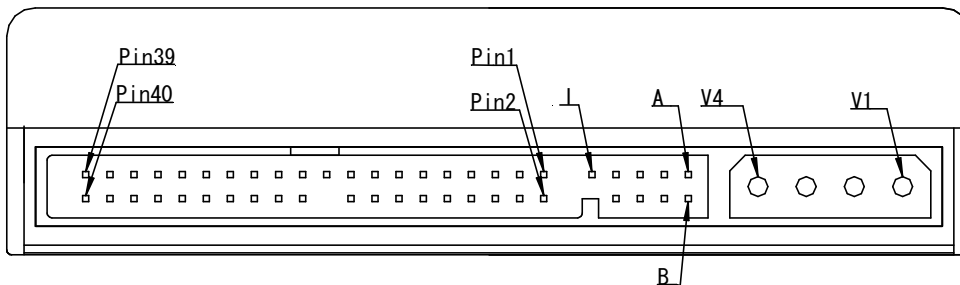
* 41~44pin are only available for 2.5inch type.

* Inserting the connector into the opposite side may cause damages on the drive.

2.5inch



3.5inch

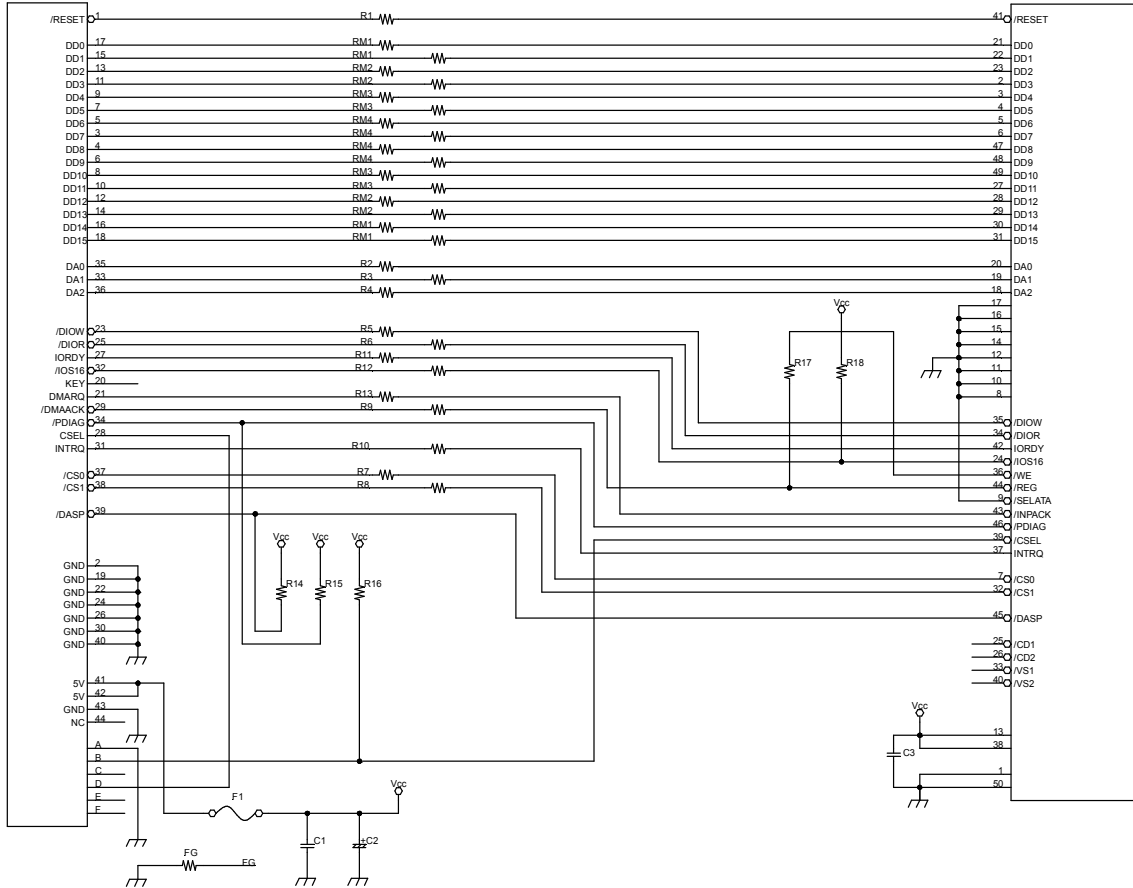


V1 : NC
 V2 : GND
 V3 : GND
 V4 : +5V

IDE-CF Connection Diagram

This product is connected as follows. Connect after confirmation the specification of your CF Card.

2.5inch



3.5inch

