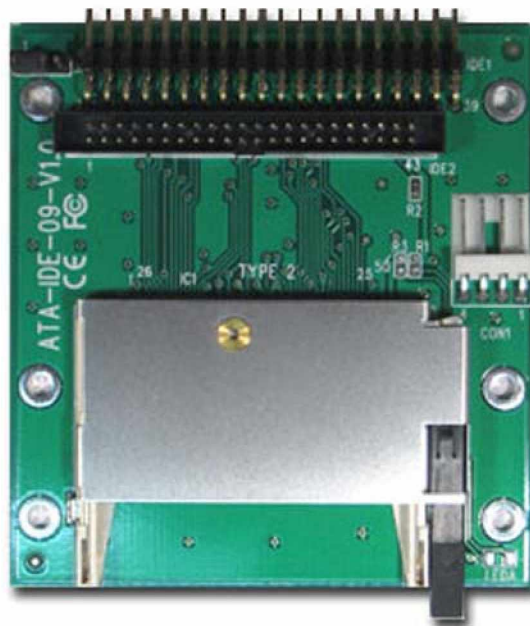


Rev.	Description	Date	Prep.	App.
V1	PRELIMINARY PRODUCT SPECIFICATION	05/19/05	J.H.	T.H.

# AD-CF125IDE04003 CF TO 40/44-PIN IDE ADAPTER

## PRODUCT SPECIFICATION



**APRO**

**APRO CO., LTD.**

**PRODUCT SPECIFICATION**

9000-0501-V1

Prepared By:  
**J.H.**

Date:  
05/03/05

Product P/N:  
AD-CF125IDE04003

Checked By:  
**T.H.**

Date:  
05/19/05

Customer:  
ALL

Doc. No.:

Rev. : V1

**APRO-PS-PM-AD-0029**

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# Specification

## Common Specification

- z 2.5" form factor
- z Comply with IDE specification version 3
- z CF to standard 40/44-pin IDE interface
- z Specific 40-pin IDE and 4-pin power connectors
- z Specific 44-pin IDE connector
- z Optional LED possible

## Power Consumption

- z Voltage : 5 Volts TYP
- z IDE Drive : 75mA TYP

## Environment

- z Operating Temperature : 0°C ~ + 60°C
- z Storage Temperature : -10°C ~ + 80°C
- z Relative Humidity : Max 90%

## Dimensions

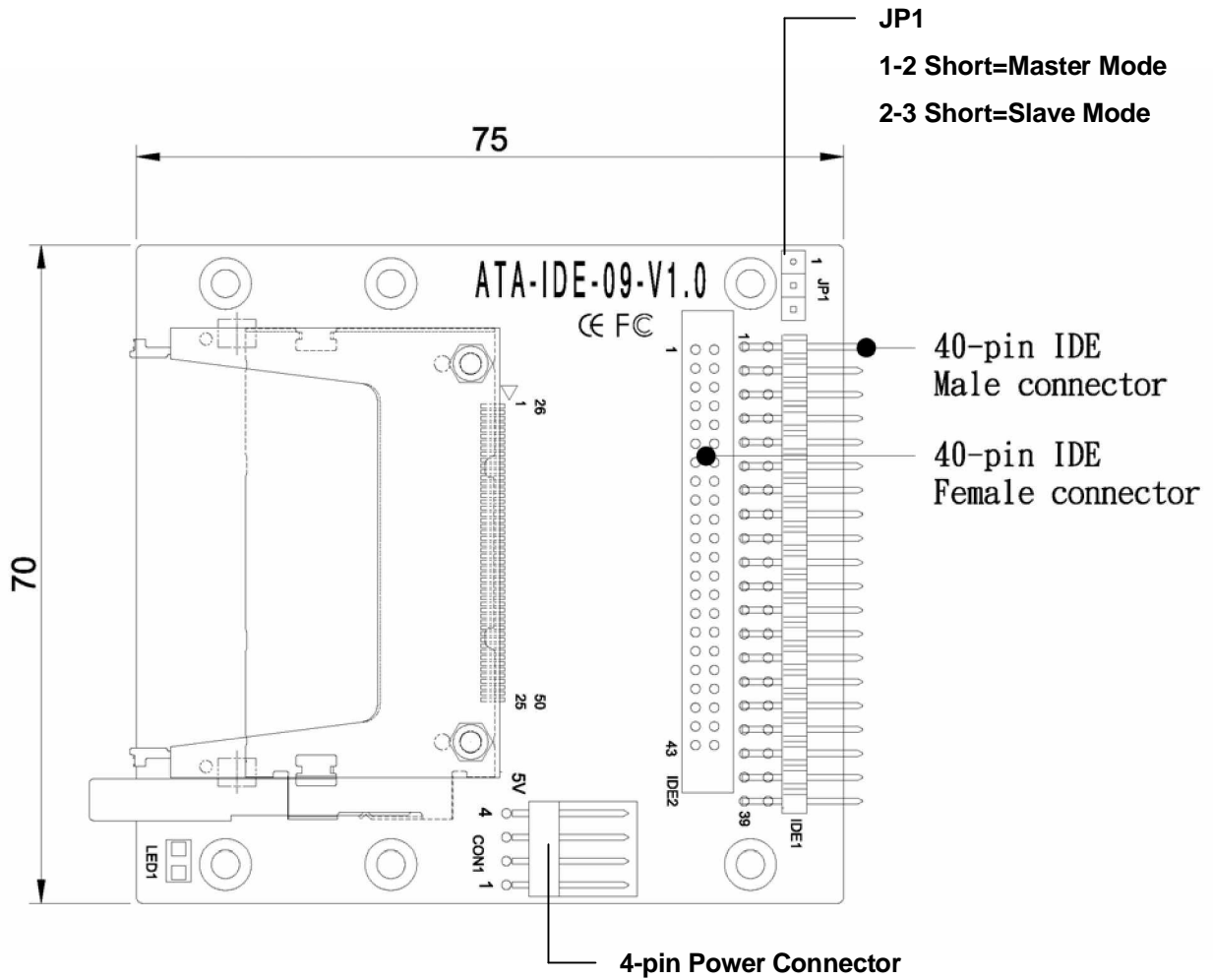
- z 79.7mm(L)x70mm(W) x10.7mm(H)

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# Board Layout and Jumper Settings

Before attempting to install your drive you may have to set jumpers on the drive unit. Refer to the diagram for the location of the jumper

## Board Layout



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# Pin Assignments

## Power Connector

Pin	Signal
1	12V
2	GND
3	GND
4	5V

## 40 Pins IDE Connector

Pin	Signal	Pin	Signal
1	IDE RESET *	2	GND
3	DATA 7	4	DATA 8
5	DATA 6	6	DATA 9
7	DATA 5	8	DATA 10
9	DATA 4	10	DATA 11
11	DATA 3	12	DATA 12
13	DATA 2	14	DATA 13
15	DATA 1	16	DATA 14
17	DATA 0	18	DATA 15
19	SIGNAL GND	20	N/C
21	N/C	22	GND
23	IO WRITE	24	GND
25	IO READ	26	GND
27	IO CHANNEL READY	28	N/C
29	HACKO *	30	GND
31	IRQ14	32	IOCS16
33	ADDR 1	34	N/C
35	ADDR 0	36	ADDR 2
37	HARD DISK SELECT 0 *	38	HARD DISK SELECT 1 *
39	IDE ACTIVE *	40	GND

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## 44 Pins IDE Connector

Pin	Signal	Pin	Signal
1	RESET *	2	GND
3	DATA 7	4	DATA 8
5	DATA 6	6	DATA 9
7	DATA 5	8	DATA 10
9	DATA 4	10	DATA 11
11	DATA 3	12	DATA 12
13	DATA 2	14	DATA 13
15	DATA 1	16	DATA 14
17	DATA 0	18	DATA 15
19	GND	20	KEYIN
21	DMARQ	22	GND
23	IOWR#	24	GND
25	IORD#	26	GND
27	IORDY	28	CSEL
29	DMACK	30	GND
31	IRQ	32	IOCS16#
33	A1	34	PDIAG1
35	A0	36	A2
37	CS0#	38	CS1#
39	DASP#	40	GND
41	VCC	42	VCC
43	GND	44	Reserved

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