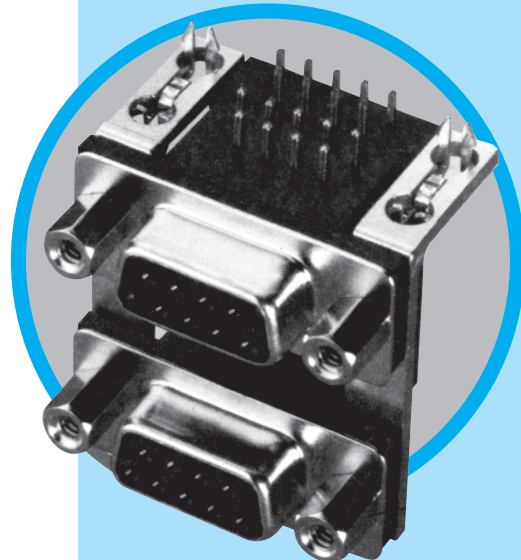


17H

D-Sub connectors - Stamped and Formed Contacts

DUAL PORT D-SUB CONNECTORS



MAIN CHARACTERISTICS

Specifications

- Connectors according to MIL C24308

Materials and platings	
Shells	Steel, tin plated
Insulator	Glass-filled thermoplastic, UL 94V-0
Pin contacts	Brass, selected gold in mating area; 2.54µm (100µ") min. tin on termination area over 1.27µm (50µ") min. nickel
Socket contact	Phosphor bronze, selected gold in mating area; 2.54µm (100µ") min. tin on termination area over 1.27µm (50µ") min. nickel
Rear insert	Brass, 2.54µm (100µ") min. nickel plated
Boardlock	Phosphor bronze, 2.54µm (100µ") min. tin plated
Screwlock	Brass, 2.54µm (100µ") min. nickel plated

Electrical Data	
Current rating	3A
Voltage rating	250V AC/rms 60Hz
Withstanding voltage	1000V AC/rms 60Hz for one minute
Insulation resistance	1000MΩ
Contact resistance	20mΩ max

Climatic Data	
Operating temperature	-55°C to +125°C
Salt spray	24 hours

Mechanical Data		
Single contact insertion force	0.54kg (1.19lb) max	
Single contact withdrawal force	0.06kg (0.13lb) min	
Mating and unmating force	Unit: kg (lb)	
No. of Cts	Mate (max)	Unmate (min)
9	3.05 (6.74)	0.36 (0.79)
15	5.09 (11.24)	0.46 (1.01)
25	8.44 (18.66)	0.81 (1.8)
15 (Hi-den)	3.81 (8.42)	0.52 (1.14)
Standard plating thicknesses		
• gold flash		
• 0.4µm (15µ") gold		
• 0.76 µm (30µ") gold		

DESCRIPTION

Amphenol's G17H dual port connectors are a state of the art design. The front metal shell helps reduce EMI / RFI emissions.

Designed to save PC board space, Amphenol's dual port provides two I / O connectors in a minimal amount of board space.

*Economical
dual port
connectors*

APPLICATIONS

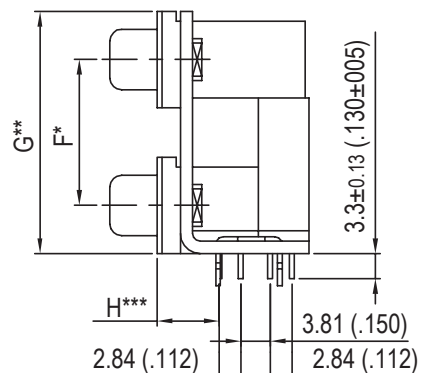
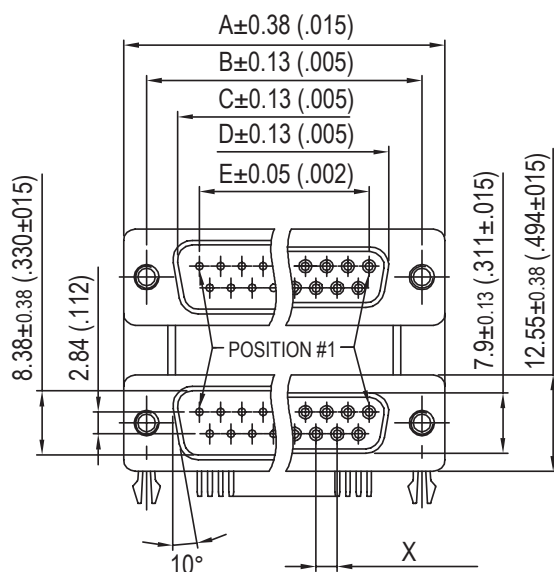
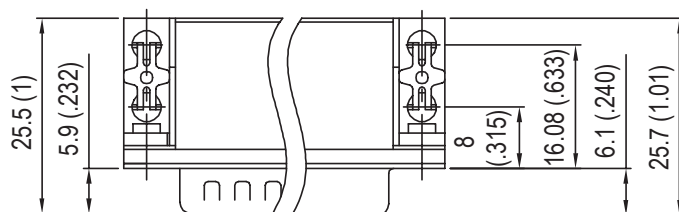
- Industrial
- Telecom
- Any industry standard I / O connections



Amphenol

17H / E13

Shell size dimensions- standard and high density



* spacing between ports (see "how to order" for dimensions)

** profile distance (see "how to order" for dimensions)

*** Footprint options (see "how to order" for dimensions)

H*** Standard Density (SD)

High Density (HD)

SD / SD = 8.08mm (.318")

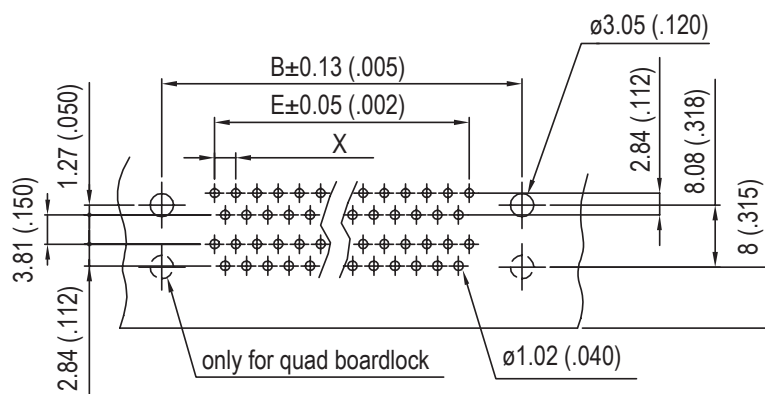
SD / HD = 5.08mm (.200")

= 8.89mm (.350")

HD / HD = 8.89mm (.350")

= 5.08mm (.200")

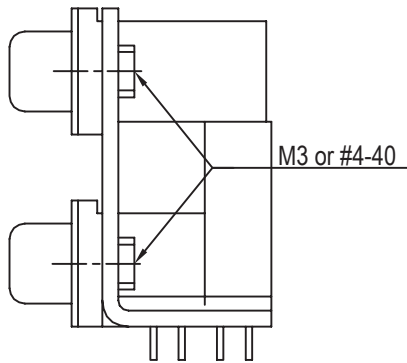
Recommended P.C.B. Layout



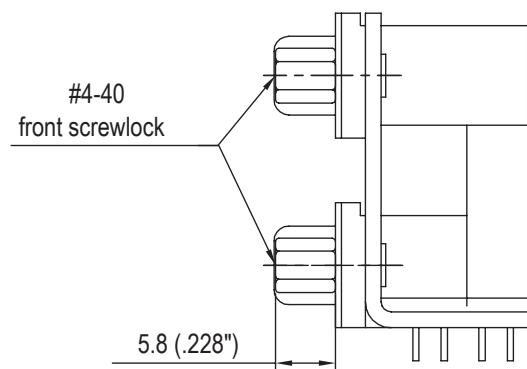
Shell Size	Nb OF CONTACTS	DIMENSIONS mm (inch)				
		A	B	C PLUG	D SOCKET	E
E	9/HD 15	30.84 (1.21)	24.99 (.984)	16.92 (.666)	16.24 (.639)	11.09 (.437)
A	15/HD 26	39.24 (1.54)	33.32 (1.31)	24.7 (.972)	24.56 (.967)	19.39 (.763)
B	25	53.04 (2.09)	47.04 (1.85)	38.96 (1.53)	38.38 (1.51)	33.24 (1.31)
E	15 (Hi-den)	30.84 (1.21)	24.99 (.984)	16.92 (.666)	16.24 (.639)	10.31 (.406)
C	37	69.32 (2.73)	63.50 (2.50)	55.42 (2.18)	54.76 (2.16)	49.86 (1.96)

Panel mounting option

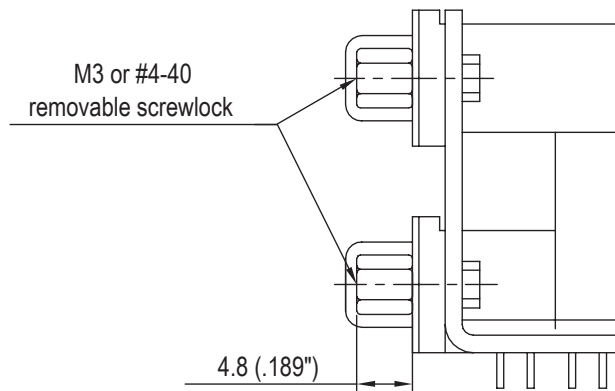
Flange mounting options:



Threaded rear insert

0 / 4

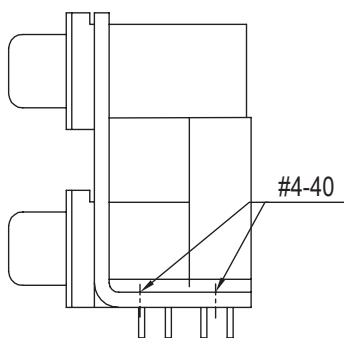
Fixed front female screwlock

7

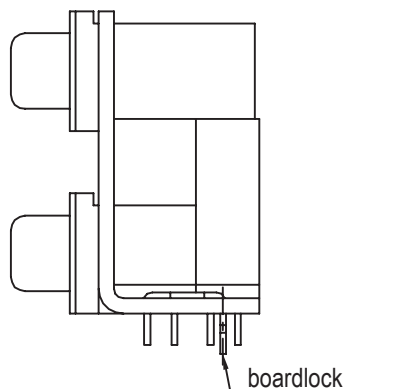
Removable female screwlock

1 / 5

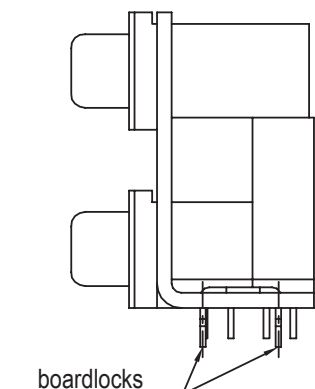
Board mounting options:



Threaded hole

1

Dual arrowhead boardlock

2

Quad arrowhead boardlock

3

Dual Port Connectors

L17H X X X X X X X X

Spacing Between Ports

- 1 - F = 15.88mm (.625")
G = 28.42mm (1.12")
- 2 - F = 19.05mm (.750")
G = 31.60mm (1.24")
- 3 - F = 22.86mm (.900")
G = 35.41mm (1.39")
- 4 - **SCSI**
G = 12.80mm (.504")
- 7 - F = 20.70mm (.815")
G = 32.20mm (1.26")

Top Connector

- 1 = 9 Pos. Male
- 2 = 9 Pos. Female
- 3 = 15 Pos. Male
- 4 = 15 Pos. Female
- 5 = 25 Pos. Male
- 6 = 25 Pos. Female
- 7 = 15 Pos. High Density Female
- 8 = 50 Pos. Female SCSI
- 9 = 26 Pos. High Density Female
- J = 15 Pos. High Density Male
- D = 37 Pos. Male
- E = 37 Pos. Female
- F = 44 Pos. High Density Male
- G = 44 Pos. High Density Female
- M = 62 Pos. High Density Male
- N = 62 Pos. High Density Female
- P = 78 Pos. High Density Male
- Q = 78 Pos. High Density Female

Bottom Connector

- 1 = 9 Pos. Male
- 2 = 9 Pos. Female
- 3 = 15 Pos. Male
- 4 = 15 Pos. Female
- 5 = 25 Pos. Male
- 6 = 25 Pos. Female
- 7 = 15 Pos. High Density Female
- 8 = 50 Pos. Female SCSI
- 9 = 26 Pos. High Density Female
- K = 15 Pos. High Density Male
- D = 37 Pos. Male
- E = 37 Pos. Female
- F = 44 Pos. High Density Male
- G = 44 Pos. High Density Female
- M = 62 Pos. High Density Male
- N = 62 Pos. High Density Female
- P = 78 Pos. High Density Male
- Q = 78 Pos. High Density Female
- R = 9 Pos. Male + 9 Pos. Male
- S = 9 Pos. Female + 9 Pos. Female

Footprint Options

- SD / SD**
BLANK = 8.08mm (.318")
- SD / HD**
BLANK = 5.08mm (.200")
- 889** = 8.89mm (.350")
- HD / HD**
BLANK = 8.89mm (.350")
- 508** = 5.08mm (.200")

Flange Mounting Options

- 0 = 4-40unc Rear Insert
- 1 = 4-40unc Removable Screwlock
- 3 = 3.05mm (.120") Clear Hole
- 4 = M3 Rear Insert
- 5 = M3 Removable Screwlock
- 7 = 4-40unc Fixed Front Screwlock

Board Mounting Options

- 0 = Triple Arrowhead Boardlock
- 1 = 4 * Threaded 4-40unc Inserts
- 2 = Dual Arrowhead Boardlocks
- 3 = Quad Arrowhead Boardlocks
- 4 = 3.18mm (.125") Clear Hole

Shell Plating

- 1 = Bright Tin / Nickel
- 2 = Nickel

Contact Plating

- 0 = Flash Fold
- 1 = 0.4μm (15μ") Gold
- 2 = 0.76μm (30μ") Gold
- 3 = Full Flash Gold
- 4 = 1.27μm (50μ") Gold

For special request, please consult factory

Do not hesitate to contact us for further information

Amphenol

Amphenol IT & Communication Products

Block A3/A4, The 4th Industrial District of
Industrial Headquarters, Dong Keng Road
Gong Ming Town, Shen Zhen China
Fax: +86(0)755 2754 9955

Technical Support

Tel: +86(0)755 2717 7945
Info-dsub@amphenol.com.cn
http://www.dsubconnector.com

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9