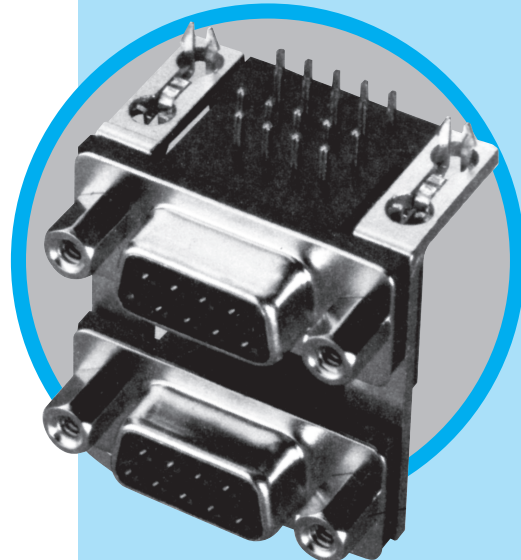


17H

D-Sub connectors - Stamped and Formed Contacts

DUAL PORT D-SUB CONNECTORS



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*

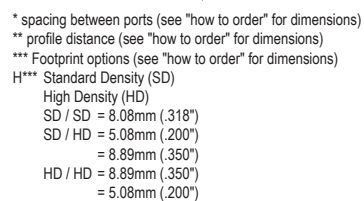
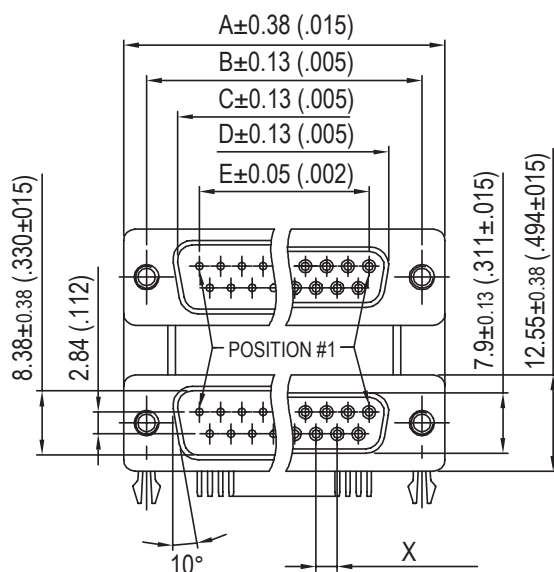
APPLICATIONS

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



Amphenol

17H / E13



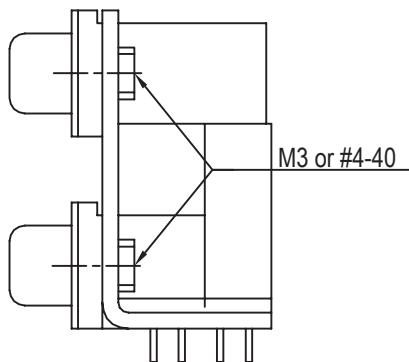
Technical drawing of a quad boardlock showing dimensions and tolerances. The drawing includes the following specifications:

- Overall width: $3.81 (.150)$
- Top edge dimension: $1.27 (.050)$
- Bottom edge dimension: $2.84 (.112)$
- Internal width dimension: $B \pm 0.13 (.005)$
- Internal width dimension: $E \pm 0.05 (.002)$
- Internal width dimension: X
- Internal width dimension: $2.84 (.112)$
- Internal width dimension: $8.08 (.318)$
- Internal width dimension: $8 (.315)$
- Internal width dimension: $\phi 3.05 (.120)$
- Internal width dimension: $\phi 1.02 (.040)$
- Note: "only for quad boardlock"

Amphenol

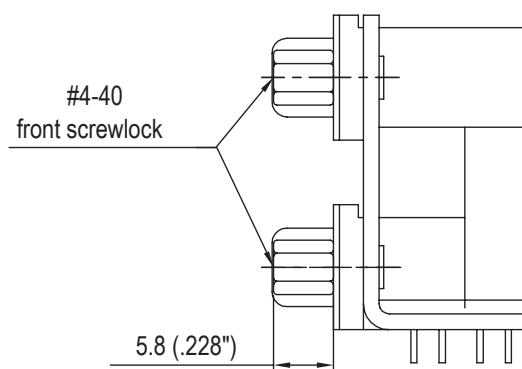
Panel mounting option

Flange mounting options:



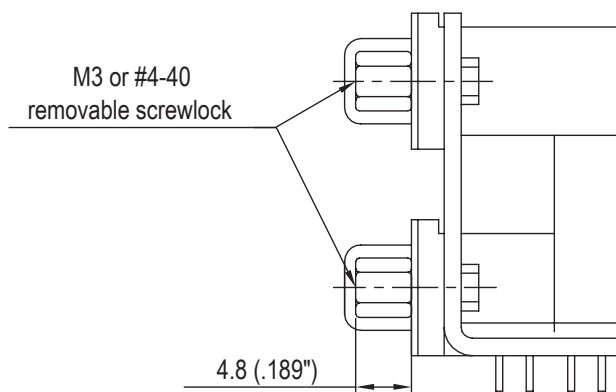
Threaded rear insert

0 / 4



Fixed front female screwlock

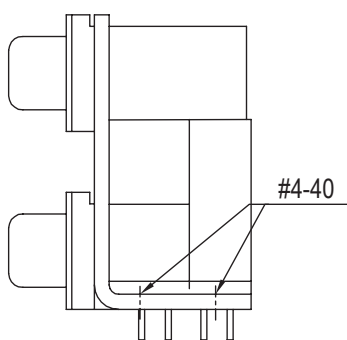
7



Removable female screwlock

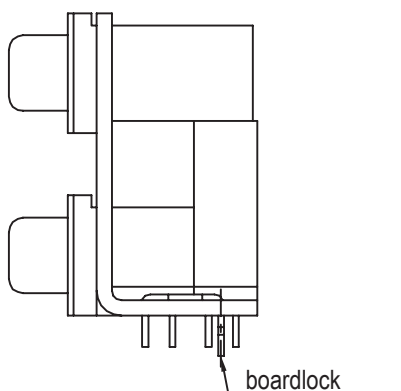
1 / 5

Board mounting options:



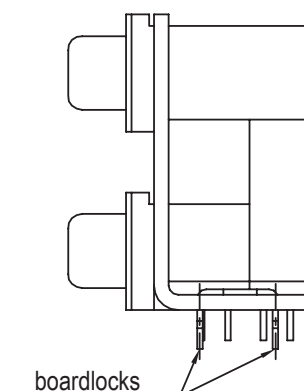
Threaded hole

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

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Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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