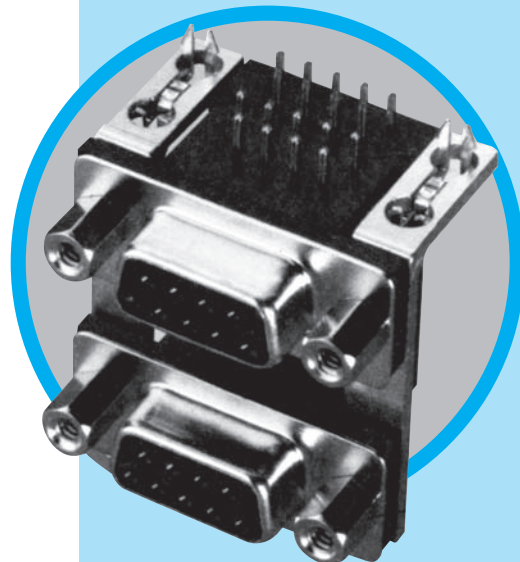


17H

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 17H 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

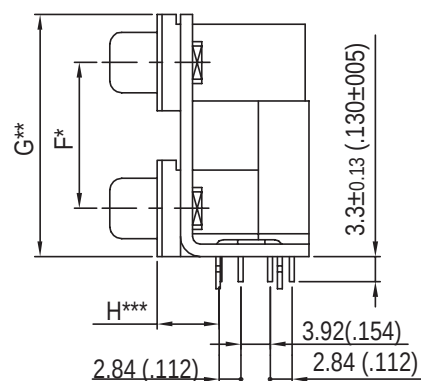
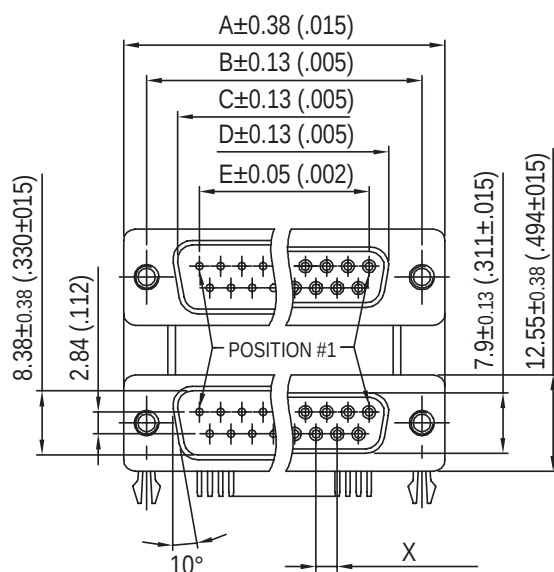
APPLICATIONS

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



Amphenol

17H / E13



= 5.08mm (.200")

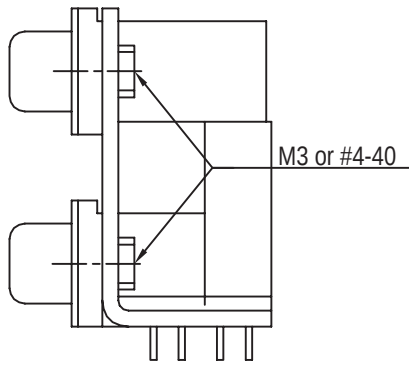
Technical drawing of a quad boardlock showing dimensions and tolerances. The drawing includes the following dimensions and tolerances:

- Overall width: $3.92 (.154)$
- Distance from top edge to centerline: $1.27 (.050)$
- Distance from bottom edge to centerline: $2.84 (.112)$
- Distance from centerline to the right edge of the boardlock: $B \pm 0.13 (.005)$
- Distance from centerline to the right edge of the boardlock: $E \pm 0.05 (.002)$
- Distance from centerline to the right edge of the boardlock: X
- Distance from the right edge of the boardlock to the centerline: $2.84 (.112)$
- Distance from the right edge of the boardlock to the centerline: $8.08 (.318)$
- Distance from the right edge of the boardlock to the centerline: $8 (.315)$
- Distance from the right edge of the boardlock to the centerline: $\phi 3.05 (.120)$
- Distance from the right edge of the boardlock to the centerline: $\phi 1.02 (.040)$
- Text: "only for quad boardlock"

Amphenol

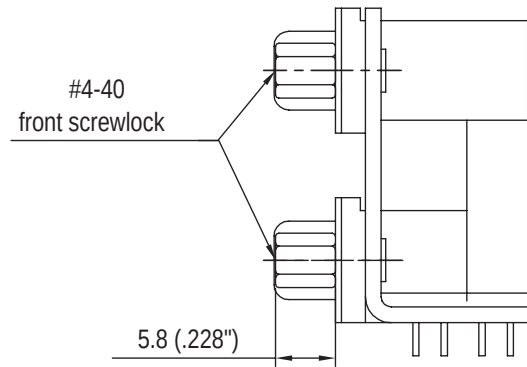
Panel mounting option

Flange mounting options:



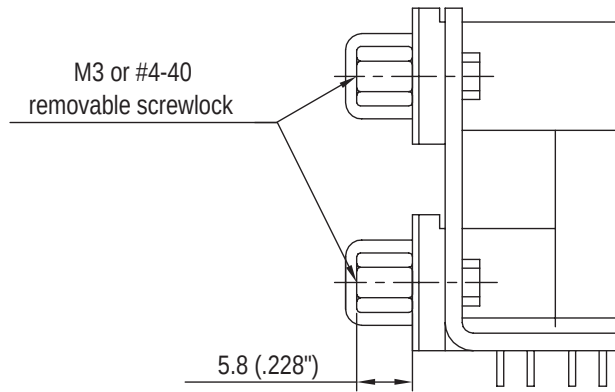
Threaded rear insert

0 / 4



Fixed front female screwlock

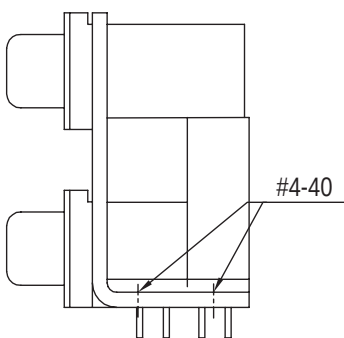
7



Removable female screwlock

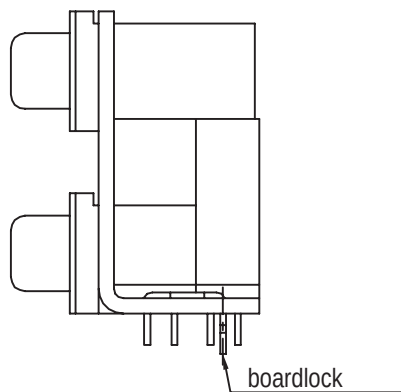
1 / 5

Board mounting options:



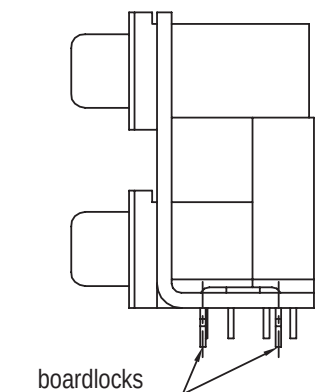
Threaded hole

1



Dual arrowhead boardlock

2

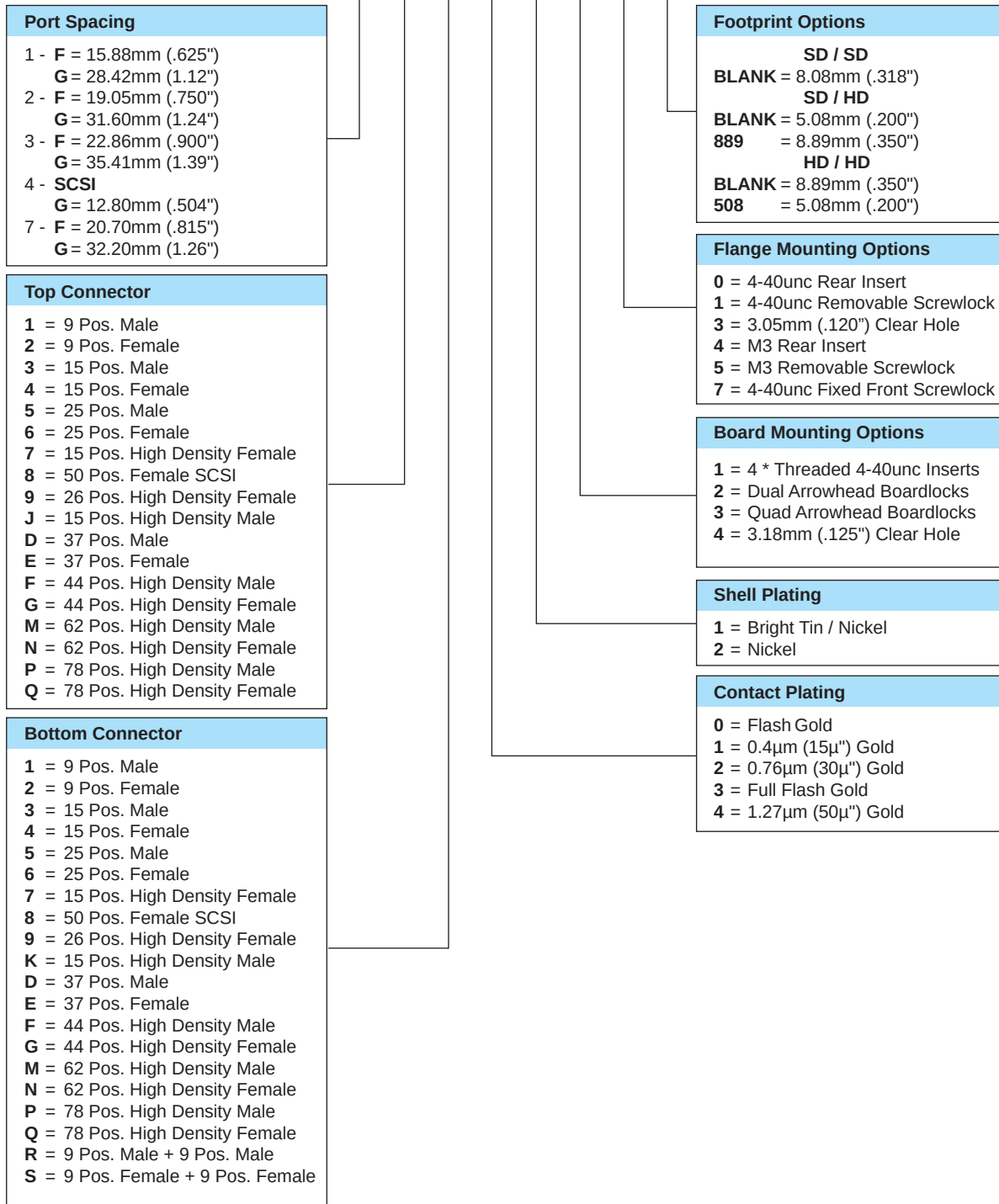


Quad arrowhead boardlock

3

Dual Port Connectors

L17H



For special request, please consult factory

Do not hesitate to contact us for further information

Amphenol

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