

**High Density**

**SPECIFICATIONS:**

**MATERIALS AND PLATINGS**

Shells	Steel, tin plated, grounding indents on plug.
Contact Material	Copper alloy
Contact Plating	Engagement area: gold (see ordering information).
Termination End	150µ" (3.81µm) tin/lead
Nickel Underplate	50µ" (1.27µm) entire contact

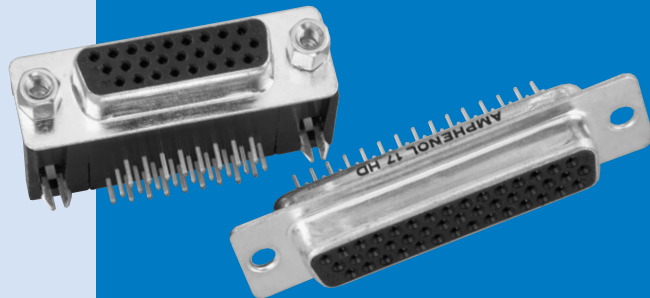
**ELECTRICAL DATA**

Current Rating	3 Amps maximum per contact
Voltage Rating	125 VAC
Dielectric Withstanding Voltage	1000 VAC (minimum)
Dielectric	Glass filled thermoplastic, black, UL 94 VO
Insulation Resistance	5,000 Megaohms (minimum)
Contact Resistance	15 Milliohms (maximum)

**CLIMATIC DATA**

Operating Temperature	-67°F (-55°C) to 221°F (105°C)
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**17E BH/HD SERIES**



Amphenol's High Density D-Subminiature connectors complete Amphenol's extensive D-Subminiature connector line. This line of connectors offers many superior features, high performance level and low installation cost.

The connector configurations are available in 15, 26, 44, 62 and 78 positions.

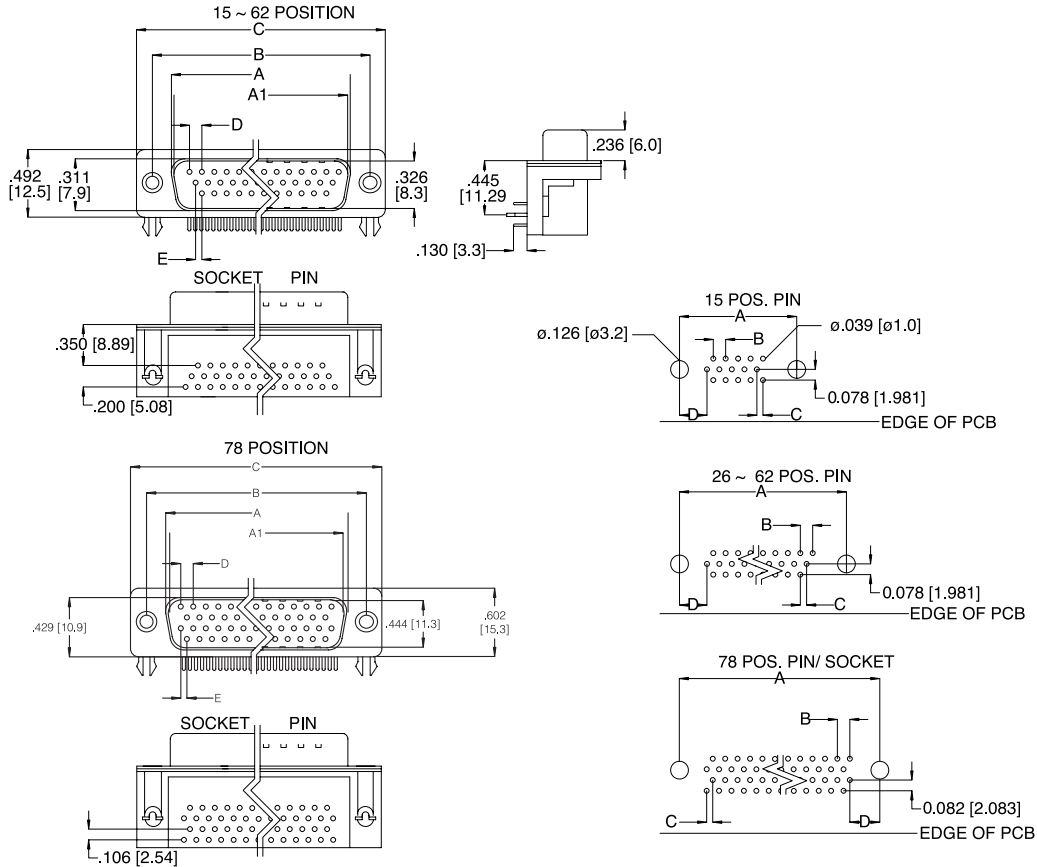
The product offering includes PCB mount connectors in both straight or right angle termination styles. Straight PCB mount are available in both Fixed Screw Machine and Stamped and Formed contacts, while Right Angle PCB mount are only available with Stamped and Formed contacts.

A cable mount version with solder terminations is also available, which can be combined with Amphenol's standard line of shielded or unshielded backshells.

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

INCHES (MM)

DIMENSIONS FOR 15 - 62 POSITION (3 ROW)(SHOWN WITH FIXED FEMALE SCREWLOCKS) DIMENSIONS FOR THE 78 POSITION (4 ROW)



CONTACTS	A SOCKET	A1 PIN	B	C	D	E
15	.642 [16.30]	.666 [16.92]	.984 [25.0]	1.213 [30.8]	.090 [2.29]	.045 [1.145]
26	.969 [24.6]	.994 [25.25]	1.311 [33.3]	1.543 [39.2]	.090 [2.29]	.045 [1.145]
44	1.508 [38.3]	1.534 [38.96]	1.854 [47.1]	2.091 [53.1]	.090 [2.29]	.045 [1.145]
62	2.157 [54.8]	2.182 [55.42]	2.50 [63.5]	2.732 [69.4]	.095 [2.41]	.047 [1.205]
78	2.05 [52.20]	2.079 [52.81]	2.40 [61.0]	2.638 [67.0]	.095 [2.41]	.047 [1.205]

CONTACTS	A	B	C	D
15	.984 [25.0]	.090 [2.29]	.045 [1.145]	.277 [7.04]
26	1.311 [33.3]	.090 [2.29]	.045 [1.145]	.271 [6.88]
44	1.854 [47.1]	.090 [2.29]	.045 [1.145]	.271 [6.88]
62	2.50 [63.5]	.095 [2.41]	.047 [1.205]	.275 [7.00]
78	2.402 [61.0]	.095 [2.41]	.047 [1.205]	.300 [7.63]

ORDERING INFORMATION

17EBH Series High Density D-Sub

Front Metal Shell, Right-Angle PC Mount

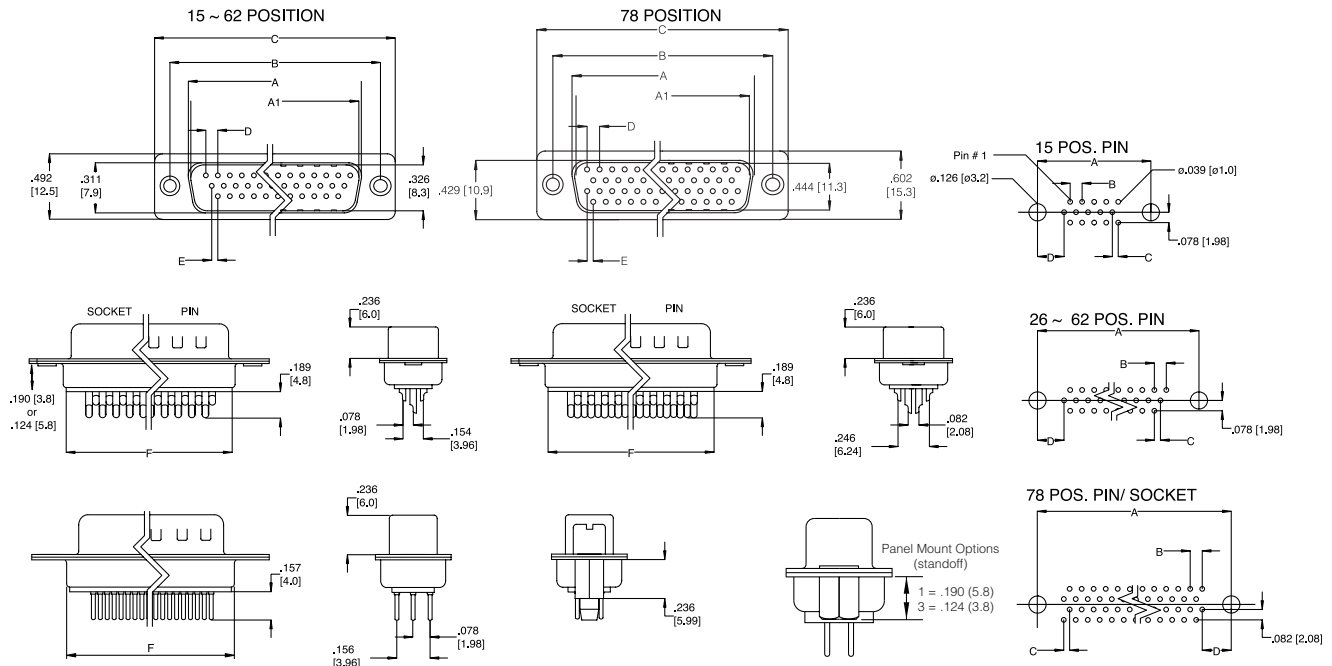
17EBH 0XX X XX X XX

Series \_\_\_\_\_  
Number Of Positions \_\_\_\_\_  
15, 26, 44, 62, 78  
Type \_\_\_\_\_  
P Pin (male)  
S Socket (female)

PCB Mount Options  
00 Clear hole  
10 Arrowhead Board  
Panel Mounting Options  
0 .120 (3.05) Clear Hole  
1 #4-40 Threaded Hole  
2 #4-40 Fixed Female Screw

Plating Code  
AA Gold Flash over Nickel  
AM 30µ" (.76µm) Gold over Nickel

**DIMENSIONS**



CONTACTS	A	A1	B	C	D	E	F
15	.642 [16.30]	.666 [16.92]	.984 [25.0]	1.213 [30.8]	.090 [2.29]	.045 [1.145]	.756 [19.2]
26	.969 [24.6]	.994 [25.25]	1.311 [33.3]	1.543 [39.2]	.090 [2.29]	.045 [1.145]	1.071 [27.2]
44	1.508 [38.3]	1.534 [38.96]	1.854 [47.1]	2.091 [53.1]	.090 [2.29]	.045 [1.145]	1.618 [41.1]
62	2.157 [54.8]	2.182 [55.42]	2.50 [63.5]	2.732 [69.4]	.095 [2.41]	.047 [1.205]	2.256 [57.3]
78	2.05 [52.20]	2.079 [52.81]	2.40 [61.0]	2.638 [67.0]	.095 [2.41]	.047 [1.205]	2.169 [55.1]

CONTACTS	A	B	C	D
15	.984 [25.0]	.090 [2.29]	.045 [1.145]	.277 [7.04]
26	1.311 [33.3]	.090 [2.29]	.045 [1.145]	.277 [7.04]
44	1.854 [47.1]	.090 [2.29]	.045 [1.145]	.277 [7.04]
62	2.50 [63.5]	.095 [2.41]	.047 [0.120]	0.699
78	2.402 [61.0]	.095 [2.41]	.047 [0.120]	0.699

**ORDERING INFORMATION**

**17E HD Series High Density D-Sub**

*Solder Cup & Straight P.C. Mount, Front Metal Shell Fixed Contact*

**17EHD 0XX X XX X XX**

Series \_\_\_\_\_

Number Of Positions \_\_\_\_\_  
15, 26, 44, 62, 78

Type \_\_\_\_\_  
P Pin (male)  
S Socket (female)

**Termination Types:**

- 00 Solder Cup
- 30 Board-mount, Vertical
- 32 Board-mount, Vertical with Boardlocks
- 33 Board-mount, Vertical with standoff, no boardlock

**Panel Mounting Options:**

- 0 .120 (3.05) Clear Hole
- 1 #4-40 Threaded Hole .190 (5.8)
- 2 #4-40 Fixed Female Screwlock
- 3 #4-40 Threaded Hole .124 (3.8)

**Plating Code:**

- AA Gold Flash over Nickel
- AM 30µ" (.76µm) Gold over Nickel

INCHES (MM)