

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

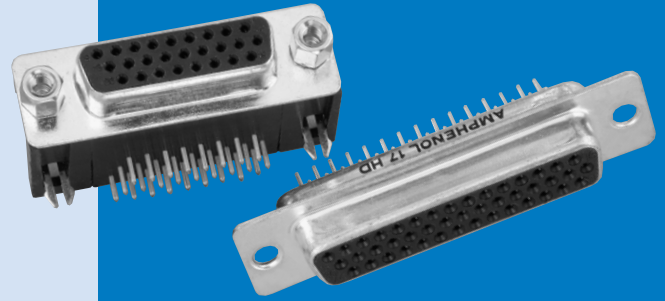
ELECTRICAL DATA

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)
-----------------------	--------------------------------

17 BH/HD SERIES



Amphenol's High Density D-Subminiature connectors complement 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.

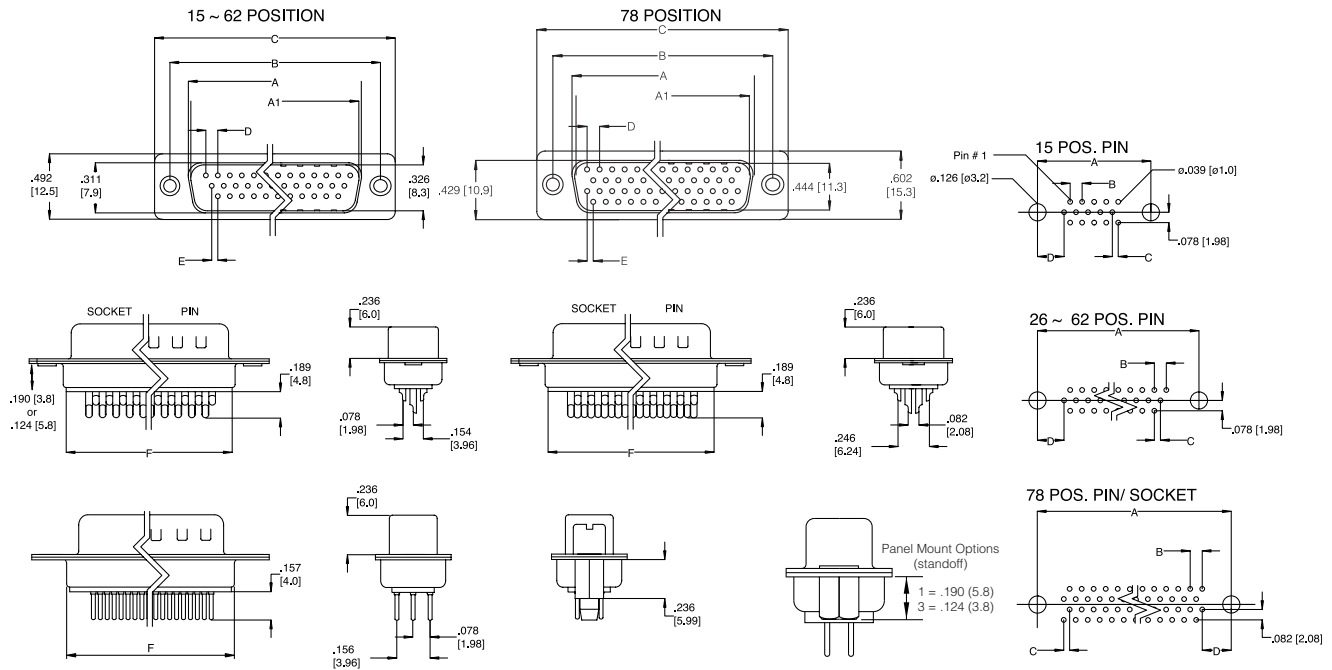
A cable mount version with solder terminations is also available, which can be combined with Amphenol's standard line of shielded or unshielded backshells.

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

INCHES (MM)



**DIMENSIONS**



CONTACTS	A SOCKET	A1 PIN	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**

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

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

**17HD - 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)