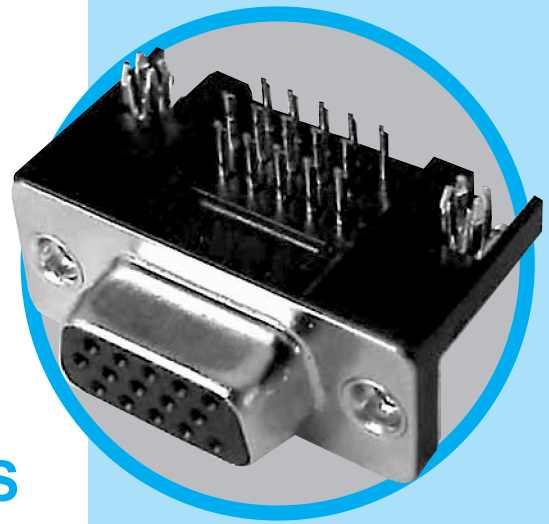


# HD

D-Sub connectors - Stamped and Formed Contacts

## RIGHT ANGLE HIGH DENSITY CONNECTORS



### MAIN CHARACTERISTICS

#### Specifications

- Connectors according to: MIL C24308

| Materials and Platings |                                      |
|------------------------|--------------------------------------|
| <b>Shells</b>          | Steel with nickel plating            |
| <b>Body</b>            | Glass filled thermoplastic, UL 94V-0 |
| <b>Contacts</b>        | Copper alloy, selective gold plating |
| <b>Rear insert</b>     | Brass with nickel plating            |
| <b>Screwlock</b>       | Brass with nickel plating            |
| <b>Grounding clip</b>  | Copper alloy with tin plating        |

| Electrical Data              |                                  |
|------------------------------|----------------------------------|
| <b>Current rating</b>        | 5A                               |
| <b>Voltage rating</b>        | 600V AC/rms 50Hz                 |
| <b>Withstanding voltage</b>  | 1000V AC/rms 50HZ for one minute |
| <b>Insulation resistance</b> | 5000MΩ                           |
| <b>Contact resistance</b>    | 10mΩ Max.                        |

| Climatic Data                |                 |
|------------------------------|-----------------|
| <b>Operating temperature</b> | -55°C to +125°C |

| Mechanical Data                                                                                                                                         |                   |                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------|
| <b>Mating and unmating force</b><br>Unit: kg (lb)                                                                                                       |                   |                     |
| <b>No. of Cts</b>                                                                                                                                       | <b>Mate (max)</b> | <b>Unmate (min)</b> |
| 15                                                                                                                                                      | 3.81 (8.42)       | 0.52 (1.14)         |
| 26                                                                                                                                                      | 5.95 (13.16)      | 1.05 (2.32)         |
| 44                                                                                                                                                      | 9.26 (20.46)      | 1.37 (3.02)         |
| 62                                                                                                                                                      | 13.48 (29.78)     | 1.76 (3.88)         |
| <b>Standard plating thickness</b> <ul style="list-style-type: none"><li>• gold flash</li><li>• 0.4μm (15μ") gold</li><li>• 0.76μm (30μ") gold</li></ul> |                   |                     |

### DESCRIPTION

Amphenol's high density D-Sub connectors complement Amphenol's extensive D-Sub connector line. This line offers many superior features, high performance level and low installation cost.

The decreased contact spacing accommodates greater signal density in comparison to conventional D-Sub connectors.

*Economical  
right angle PCB*

### APPLICATIONS

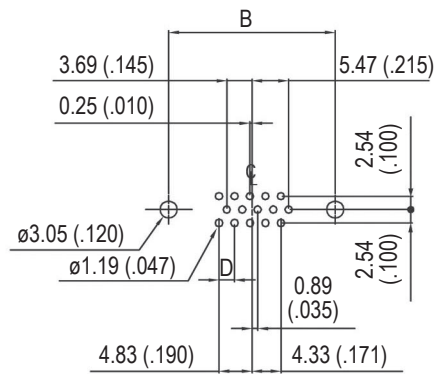
- Industrial
- Telecom
- Any industry standard I / O connections



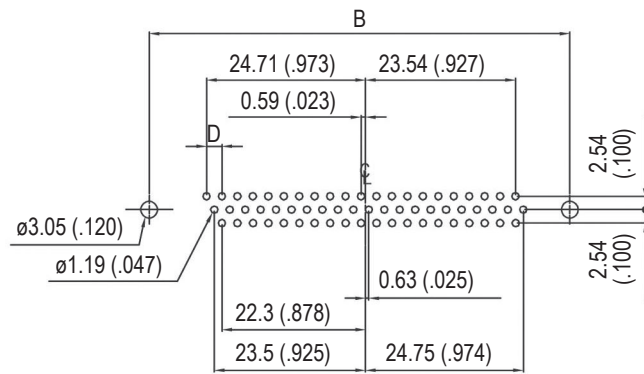
**Amphenol**

HD / E19

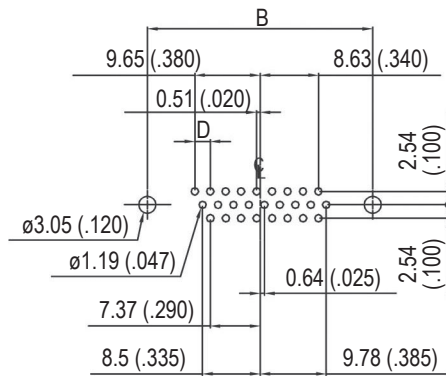
## P.C.B. Layout



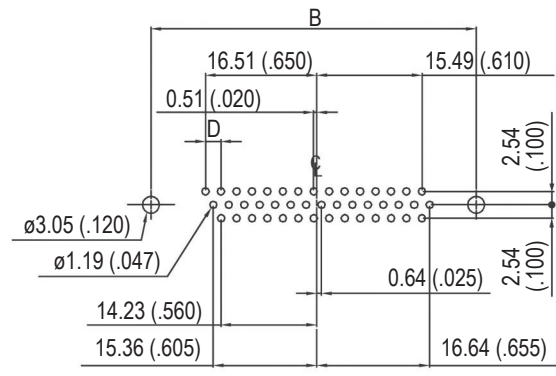
**15 PIN**



**62 PIN**

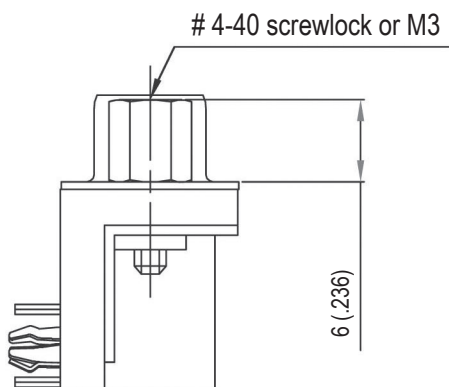


**26 PIN**

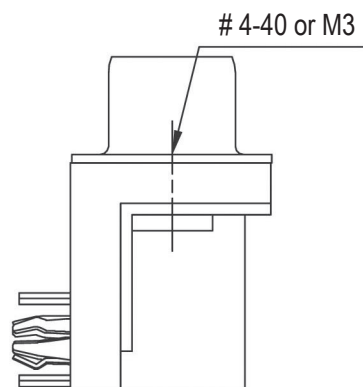


**44 PIN**

## Panel mounting option

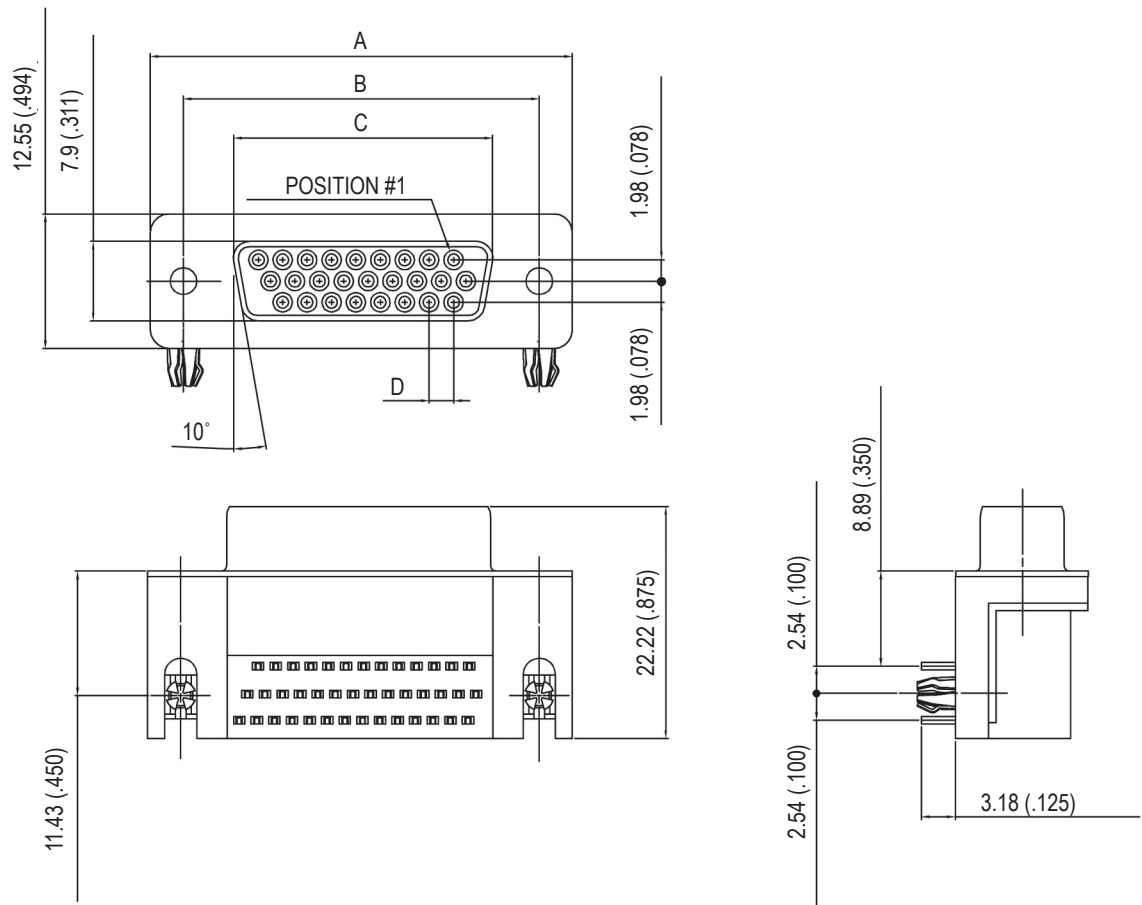


**Front female screwlock**  
**4F / 3F**



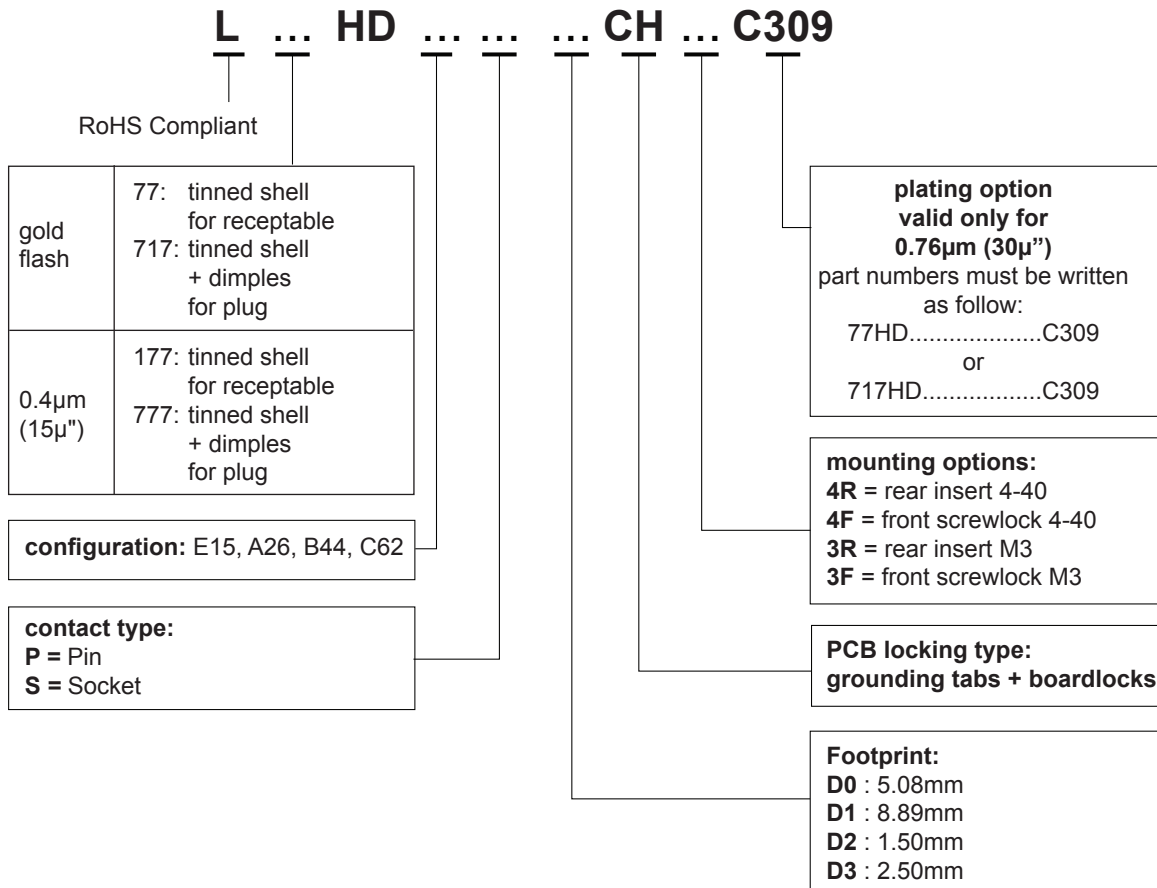
**Threaded rear insert**  
**4R / 3R**

Shell size dimensions



| NB OF CONTACTS | DIMENSIONS mm (inch) |               |               |             |
|----------------|----------------------|---------------|---------------|-------------|
|                | A                    | B             | C             | D           |
| 15             | 30.84 (1.214)        | 24.99 (.984)  | 16.26 (.640)  | 2.29 (.090) |
| 26             | 39.24 (1.545)        | 33.32 (1.312) | 24.56 (.967)  | 2.29 (.090) |
| 44             | 53.04 (2.088)        | 47.04 (1.852) | 38.30 (1.508) | 2.29 (.090) |
| 62             | 69.34 (2.730)        | 63.50 (2.500) | 54.76 (2.156) | 2.41 (.095) |

## How to order



*For special request, please consult factory*

Do not hesitate to contact us for further information

# Amphenol

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Info-dsub@amphenol.com.cn  
<http://www.dsubconnector.com>

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[L77HDA26SD1CH3FC309](#) [L77HDC62SD1CH4FC309](#) [L77HDE15SD1CH3RC309](#) [L77HDE15SD1CH4RC309](#)  
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[L77HDA26PD1CH3F](#) [L77HDB44PD1CH3R](#) [L77HDB44SD1CH](#) [L77HDC62SD1CH3R](#) [L77HDC62SD1CH3F](#)  
[L77HDE15PD1CH4F](#) [L77HDA26PD1CH3R](#) [L77HDE15SD1CH](#) [L77HDB44SD1CH4F](#) [L77HDE15PD1CH4R](#)  
[L77HDC62SD1C](#) [L77HDB44PD1CH3F](#) [L77HDB44SD1CH3R](#) [L77HDE15PD1CH3F](#) [L77HDB44PD1CH4R](#)  
[L77HDC62SD1CH4F](#) [L77HDA26SD1CH4FT](#) [L77HDC62SD1CH4R](#) [L77HDA26SD1CH3R](#) [L77HDC62PD1CH4F](#)  
[L77HDE15SD1CH3F](#) [L77HDE15SD1CH4R](#) [L77HDE15SD2CH4R](#) [L77HDB44PD1CH4F](#) [L77HDB44SD1CH3F](#)  
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[L77HDE15SD0CH3F](#) [L77HDE15SD0CH4F](#) [L77HDE15SD0CH4FNS](#) [L77HDE15SD0CH4RNSBL](#)  
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