G17BH High Density DSub Connector R/A PCB Mount

High Density through-hole DSub connectors for PCB mount, 8.89mm footprint.

Materials
- Housing: 94V-0 thermoplastic
- Contacts: P/B with 50µ” Ni
- Shell: Carbon steel
- Board-locks: P/B
- Screw-locks: Brass

Electrical
- Current: 3A
- Voltage: 250VAC/rms 60Hz

Durability
- Gold Flash: 75 cycles
- 15µ” Gold: 125 cycles
- 30µ” Gold: 250 cycles
- Full gold flash: 75 cycles

Related Information
- Panel cutout
- PC board layout
- Accessories

Part Number System:

G17BH XX XXXXX X

HD DSub R/A PCB CONNECTOR – Through Hole 2.54mm pitch

NUMBER OF POSITIONS
- 15: 15 Position
- 26: 26 Position
- 44: 44 Position
- 62: 62 Position
- 78: 78 Position

CONTACT STYLE
- 0: Receptacle
- 1: Plug

CONTACT FINISH
- 0: Gold Flash
- 1: 15µ” Gold
- 2: 30µ” Gold
- 3: Full gold flash

FRONT SHELL FINISH
- 0: Zinc chromate
- 1: Tin/Lead over Nickel
- 2: Nickel

Part Number System:

G17UH HD DSub Connector R/A PCB Mount with Ferrite

Low cost solution for EMI and EMP

Characteristics
- Same as G17BH

Related Information
- Same as G17BH

Part Number System:

G17UH XX XXXXX X

HD DSub PCB CONNECTOR – R/A Through Hole with ferrite

NUMBER OF POSITIONS
- 15: 15 Position
- 26: 26 Position
- 44: 44 Position
- 62: 62 Position

Dimensions

<table>
<thead>
<tr>
<th>No. of Positions</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
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Impedance

<table>
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</tr>
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<td>25</td>
<td>44</td>
</tr>
<tr>
<td>62</td>
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G17TH High Density DSub Connector PCB Mount

High Density through-hole DSub connectors for Vertical PCB mount.

Materials
- Housing: 94V-0 thermoplastic
- Contacts: P/B with 50µ” Ni
- Shell: Carbon steel
- Clinch nut: Brass
- Board-locks: P/B
- Screw-locks: Brass

Electrical
- Current: 3A
- Voltage: 250VAC/rms 60Hz

Durability
- Gold Flash: 75 cycles
- 15µ” Gold: 125 cycles
- 30µ” Gold: 250 cycles
- Full gold flash: 75 cycles

Related Information
- Panel cutout: Page D-2
- PC board layout: Page D-12
- Accessories: Page D-6

Part Number System:

HD DSub PCB CONNECTOR
Vertical Through Hole

NUMBER OF POSITIONS
15: 15 Position
26: 26 Position
44: 44 Position
62: 62 Position
78: 78 Position

CONTACT STYLE
0: Receptacle
1: Plug

CONTACT FINISH
0: Gold Flash
1: 15µ” Gold
2: 30µ” Gold
3: Full gold flash

FRONT SHELL FINISH
0: Zinc chromate
1: Tin/Lead over Nickel
2: Nickel

G17YH HD DSub Connector PCB Mount with Ferrite

Low cost solution for EMI and EMP, for Vertical PCB mount

Characteristics
Same as G17TH

Related Information
Same as G17TH

Part Number System:

HD DSub PCB CONNECTOR
Vertical Through Hole with ferrite

SAME AS G17TH

No. of Positions
15 26 44 62

Dimensions
A 30.84 39.24 53.04 69.32
B 24.99 33.32 47.04 63.50
C 16.92 24.70 38.96 55.42
D 16.24 24.56 38.38 54.76
E 2.29 2.29 2.29 2.29
F 19.28 27.51 41.30 57.71

VARIATION CODE
See variation code chart

FLANGE MOUNTING OPTION
0: Ø3.05mm clear hole
1: #4-40 threaded hole
2: #4-40 threaded screw-lock

BOARD MOUNT OPTION
0: None
1: 1-finger board-lock
2: 2-finger board-lock
3: 3-finger board-lock

Dimensions
Blank A B C D E
G* Nil 5.0 5.8 6.0 6.1
H+ Nil Nil Nil 3.2 3.2 4.2
J* 6.2 6.2 6.2 6.2 6.2

Impedance
15 26 44 62

25MHz 100MHz
100MHz to 300MHz

For further variations and information, consult representative

Specifications are subject to change without notice
http://www.amphenol.co.za   e-mail: amphenol_africa@csi.com
All dimensions in mm. P/B – Phosphor Bronze. Ni – Nickel. µ” – Micro inches.
G17RH High Density DSub, Rear Release Crimp Type

Crimp type DSub connector for cable application.

### Materials
- **Housing**: 94V-0 thermoplastic
- **Shell**: Carbon steel
- **Clinch nut**: Brass
- **Screw-locks**: Brass

### Related Information
- **Panel cutout**: Page D-2
- **Accessories**: Page D-5/6/13
- **Contacts**: See below

### Part Number System:
- **HD DSub Crimp type**
- **Cable Mount**
- **NUMBER OF POSITIONS**
  - 15: 15 Position
  - 26: 26 Position
  - 44: 44 Position
  - 62: 62 Position
  - 78: 78 Position
- **CONTACT STYLE**
  - 0: Receptacle
  - 1: Plug
- **FRONT SHELL FINISH**
  - 0: Zinc chromate
  - 1: Tin/Lead over Nickel
  - 2: Nickel

### Dimensions

<table>
<thead>
<tr>
<th>No. of Positions</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
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<td>57.71</td>
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</tbody>
</table>

### VARIATION CODE
- **Blank**: Standard
- **FLANGE MOUNTING OPTION**
  - 0: Ø3.05mm clear hole
  - 1: #4-40 threaded hole
  - 2: #4-40 threaded screw-lock installed
  - 3: #4-40 threaded hole with #4-40 threaded screw-lock bulk-packed
  - 4: M3 threaded hole
  - 5: M3 screw-lock installed
  - 6: #4-40 threaded hole with M2.6 screw-lock bulk-packed
  - 7: #4-40 threaded screw-lock clinch-mounted installed

### G17RHC DSub Crimp Contacts

For rear release G17RH

### Materials
- **Pin Contact**: Brass with 50µ" Ni
- **Socket Contact**: P/B with 50µ" Ni

### Electrical
- **Current**: 3A
- **Voltage**: 250VAC/rms 60Hz

### Durability
- **Gold Flash**: 75 cycles
- **15µ" Gold**: 125 cycles
- **30µ" Gold**: 250 cycles
- **Full gold flash**: 75 cycles

### Related Information
- **Wire Gauge**: 22-28AWG
- **Tooling**: Consult representative

### Part Number System:
- **HD DSub CRIMP CONTACT**
- **Pin and Socket**
- **CONTACT STYLE**
  - 0: Female
  - 1: Male
- **CONTACT FINISH**
  - 0: Gold Flash
  - 1: 15µ" Gold
  - 2: 30µ" Gold
  - 3: Full gold flash

### VARIATION CODE
- **Blank**: Standard
- **PACKING OPTION**
  - 3: Reel of 5,000
  - 4: Reel of 10,000
- **PACKING STYLE**
  - 0: Right-hand feed
  - 1: Left-hand feed

For further variations and information, consult representative
G17SH High Density DSub Solder-pot Termination

Solder-pot termination for High Density cable applications.

### Materials
- **Housing**: 94V-0 thermoplastic
- **Pin contact**: Brass with 50µ" Ni
- **Socket contact**: P/B with 50µ" Ni
- **Shell**: Carbon steel
- **Board-locks**: P/B
- **Screw-locks**: Brass

### Electrical
- **Current**: 3A, 250VAC/rms 60Hz

### Durability
- **Gold Flash**: 75 cycles
- **15µ" Gold**: 125 cycles
- **30µ" Gold**: 250 cycles
- **Full gold flash**: 75 cycles

### Related Information
- **Panel cutout**: Page D-2
- **Accessories**: Page D-5/6/13

### Part Number System:

<table>
<thead>
<tr>
<th>HD DSub CONNECTOR</th>
<th>VARIATION CODE</th>
<th>FLANGE MOUNTING OPTION</th>
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<tbody>
<tr>
<td>Solder pot</td>
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<td>F Dimension = 55.3mm</td>
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<table>
<thead>
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<th>BACK SHELL FINISH</th>
<th>FRONT SHELL FINISH</th>
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<tbody>
<tr>
<td>Zine chromate</td>
<td>Zine chromate</td>
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<tr>
<td>Tin/Lead over Nickel</td>
<td>Tin/Lead over Nickel</td>
</tr>
<tr>
<td>Nickel</td>
<td>Nickel</td>
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</tbody>
</table>

### Recommended PCB layout for vertical and right angle High Density DSub connectors

#### For Plug
- **26 positions**: 15 positions
- **44 positions**:
- **62 positions**: 78 positions

#### For Receptacle
- **26 positions**
- **44 positions**
- **62 positions**: 78 positions

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**Specifications are subject to change without notice**

http://www.amphenol.co.za  e-mail: amphenol_africa@csi.com