## D-DF Series

### Screw-Machined Contacts

**Fixed Machined Contact Connector**

## Ordering Information

<table>
<thead>
<tr>
<th>8µ&quot; (0.2µm)</th>
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<tbody>
<tr>
<td>17D:</td>
<td>yellow chromated shell</td>
<td></td>
<td></td>
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<tr>
<td>77D:</td>
<td>tinned shell for receptacle</td>
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<tr>
<td>717D:</td>
<td>tinned shell + dimples for plug</td>
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<table>
<thead>
<tr>
<th>20µ&quot; (0.5µm)</th>
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<tbody>
<tr>
<td>17DF:</td>
<td>yellow chromated shell</td>
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<td>77DF:</td>
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<table>
<thead>
<tr>
<th>30µ&quot; (0.76µm)</th>
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<tbody>
<tr>
<td>117DF:</td>
<td>yellow chromated shell</td>
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<tr>
<td>177DF:</td>
<td>tinned shell for receptacle</td>
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<tr>
<td>777DF:</td>
<td>tinned shell + dimples for plug</td>
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</tbody>
</table>

**Shell size:** E, A, B, C, D

**Mounting Options:**
- H: rear insert 4-40
- G: rear insert M3
- F: float mounting
- no digit: standard rivet .122 (3.1)

**Configuration:** 09, 15, 25, 37, 50

**Contact type:**
- P: pin
- S: socket

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### For specific product

**Grounding tabs:**
- RM5: for straight PCB mounting*
- RM8: for straight PCB mounting + female lock
- RM6: for right angle PCB mounting
- VF: front screwlock 4-40
- VFM: front screwlock M3
- VF2: removable screwlock 4-40
- VFM2: removable screwlock M3

**Termination:**
- solder cup: no digit

**Wire Wrap:**
- F179: length .378 (9.6)
- F179A: length .512 (13)

**Straight PCB:**
- U: length .126 (3.2) tail .024 (0.6)
- V: length .094 (2.4) tail .040 (1.02)
- T: length .157 (4) tail .024 (0.6)
- OL2: length .216 (5.5) tail .024 (0.6)

**Right Angle Connector:**
- MIL footprint
  - without bracket: C tail .040 (1.02)
    - A4 tail .024 (0.6)
  - plastic bracket: A, G tail .040 (1.02)
    - A4 tail .024 (0.6)
  - metal bracket: A tail .040 (1.02)
    - AM4 A .519 (13.2)
    - AZ4 A .453 (11.5)
    - AM4B footprint .590 (14.99)

**European footprint**
- without bracket: 1AON X .100 (2.54)
  - 1BON X .112 (2.84)
- plastic bracket: 1APN X .100 (2.54)
  - 1BPN X .112 (2.84)
  - 1AUN X .100 (2.54)
  - 1BUN X .112 (2.84)
- metal bracket: 1AMN X .100 (2.54)
  - 1BHN X .112 (2.84)
  - 1ATN X .100 (2.54)
  - 1BNT X .112 (2.84)

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*For Filtered D-Sub, see page 56.

For special request, please consult factory
# 617 Series

Right-Angle Board Mount Connectors
Front Metal Shell

## Dimensions

![Image showing dimensions and illustrations]

## Ordering Information

<table>
<thead>
<tr>
<th>Series Number of Contacts</th>
<th>Description of PC Board Mounting Characteristics</th>
<th>Style</th>
</tr>
</thead>
<tbody>
<tr>
<td>617</td>
<td>.318 (8.08) diameter mg hole</td>
<td>A</td>
</tr>
<tr>
<td></td>
<td>.590 (14.99) diameter mg hole with wrap-around ground strap</td>
<td>B</td>
</tr>
<tr>
<td></td>
<td>#4-40 threaded mg hole</td>
<td>C</td>
</tr>
<tr>
<td></td>
<td>split arrowhead boardlock</td>
<td>D</td>
</tr>
<tr>
<td></td>
<td>split arrowhead boardlock</td>
<td>E</td>
</tr>
<tr>
<td></td>
<td>with wrap-around ground strap</td>
<td></td>
</tr>
</tbody>
</table>

**Variation Code**

- E for U & Y Footprint

**Contact Housing Characteristics**

- 20: Tin plated receptacle
- 21: Tin plated plug with grounding indents

**Panel Mounting Options**

- 0: .120 (3.05) clear hole
- 1: #4-40 threaded hole
- 2: #4-40 threaded hole with female screwlock
- 4: Fixed female round screwlock

**Contact Plating**

- **BF**: Engagement area 3µ" (.076µm) gold flash, terminal end area 100µ"/200µ" (2.54µm/5.08µm) tin/lead underplate of 50µ" (1.27µm) nickel
- **CF**: Engagement area 15µ" (.381µm) gold flash, terminal end area 100µ"/200µ" (2.54µm/5.08µm) tin/lead underplate of 50µ" (1.27µm) nickel
- **AJ**: Engagement area 30µ" (.76µm) gold, terminal end area 100µ"/200µ" (2.54µm/5.08µm) tin/lead underplate of 50µ" (1.27µm) nickel

**Code**

- P: Pin (male)
- S: Socket (female)

For filtered version, see page 56.