### Hardware Guide

#### Mounting Hardware Applications - Table 1

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Type</th>
<th>Mini D Ribbon (MDR) Conn.’s</th>
<th>D Sub Conn.’s</th>
<th>D Ribbon Conn.’s</th>
<th>Shrunken D Ribbon (SDR) Conn.’s</th>
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-See sheet 7 of 9 for D Ribbon & Plastic Connector accessories.-

**Notes:**

1. Use Table 1 as a guide for selecting the correct mounting hardware.
2. See sheet 9 of 9 for selection guide - 9 to 37 and 50 position D Sub connectors.
3. See Regulatory Information Appendix (RIA) for chemical compliance information.
Jack Socket Screws

**3M Part Number**  
**3341-1L**

**Kit Contents:**
- 2 - Jack Sockets
- 4 - Spacers .031 [0.79] Thick
- 2 - Lock Washers
- 2 - 4-40 Nuts

**Material:** Steel  
**Finish:** Zinc with Clear Chromate  
**Screw / Socket Thread Size:** #4-40 / #4-40  
**Recommended Max. Torque:** 7.0 inch·lbf [0.8 N·m]

**3M Part Number**  
**3341-1S**

**Kit Contents:**
- 2 - Jack Sockets
- 8 - Spacers .031 [0.79] Thick
- 2 - Lock Washers
- 2 - 4-40 Nuts

**Material:** Steel  
**Finish:** Zinc with Clear Chromate  
**Screw / Socket Thread Size:** #4-40 / #4-40  
**Recommended Max. Torque:** 7.0 inch·lbf [0.8 N·m]

**3M Part Number**  
**3341-2**

**Kit Contents:**
- 2 - Jack Sockets
- 2 - Lock Washers
- 2 - 4-40 Nuts

**Material:** Steel  
**Finish:** Zinc with Clear Chromate  
**Screw / Socket Thread Size:** #4-40 / #4-40  
**Recommended Max. Torque:** 7.0 inch·lbf [0.8 N·m]

**3M Part Number**  
**3341-3**  
**IEEE-488-Type**

**Kit Contents:**
- 2 - Jack Sockets
- 4 - Spacers .031 [0.79] Thick
- 2 - Lock Washers
- 2 - 4-40 Nuts

**Material:** Steel  
**Finish:** Black Oxide  
**Screw / Socket Thread Size:** #4-40 / M3.5  
**Recommended Max. Torque:** 7.0 inch·lbf [0.8 N·m]

**3M Part Number**  
**3341-4**

**Kit Contents:**
- 2 - Jack Sockets
- 4 - Spacers .031 [0.79] Thick
- 2 - Lock Washers
- 2 - 4-40 Nuts

**Material:** Steel  
**Finish:** Zinc with Clear Chromate  
**Screw / Socket Thread Size:** #4-40 / #4-40  
**Recommended Max. Torque:** 7.0 inch·lbf [0.8 N·m]
3M™ I/O Connector Mounting Options and Hardware

3M Part Number
3341-10

Material: Stainless Steel
Screw / Socket Thread Size: M2.5 / M2.5
Recommended Max. Torque: 2.5 inch·lbf [0.3 N·m]

3M Part Number
3341-13

Material: Stainless Steel
Screw / Socket Thread Size: M2.5 / #4-40
Recommended Max. Torque: 2.5 inch·lbf [0.3 N·m]

3M Part Number
3341-16

Material: Stainless Steel
Screw / Socket Thread Size: #4-40 / #4-40
Recommended Max. Torque: 3.5 inch·lbf [0.4 N·m]

3M Part Number
3341-17

Material: Stainless Steel
Screw / Socket Thread Size: #4-40 / #4-40
Recommended Max. Torque: 3.5 inch·lbf [0.4 N·m]

3M Part Number
3341-25

Material: Stainless Steel
Screw / Socket Thread Size: M2.5 / M2
Recommended Max. Torque: 2.5 inch·lbf [0.3 N·m]
3M™ I/O Connector Mounting Options and Hardware

### 3M Part Number 3341-30

- **Material:** Stainless Steel
- **Screw / Socket Thread Size:** #4-40 / #4-40
- **Recommended Max. Torque:** 3.5 inch·lbf [0.4 N·m]

![Diagram of 3M Part Number 3341-30](image)

### 3M Part Number 3341-31

- **Material:** Stainless Steel
- **Screw / Socket Thread Size:** M2.5 / #4-40
- **Recommended Max. Torque:** 2.5 inch·lbf [0.3 N·m]

![Diagram of 3M Part Number 3341-31](image)

### 3M Part Number 3341-32

- **Material:** Stainless Steel
- **Screw / Socket Thread Size:** M2.5 / #4-40
- **Recommended Max. Torque:** 2.5 inch·lbf [0.3 N·m]

![Diagram of 3M Part Number 3341-32](image)

### 3M Part Number 3341-35

- **Material:** Stainless Steel
- **Screw / Socket Thread Size:** M2.5 / #4-40
- **Recommended Max. Torque:** 2.5 inch·lbf [0.3 N·m]

![Diagram of 3M Part Number 3341-35](image)

### 3M Part Number 3341-36

- **Material:** Stainless Steel
- **Screw / Socket Thread Size:** M2.5 / M2.5
- **Recommended Max. Torque:** 2.5 inch·lbf [0.3 N·m]

![Diagram of 3M Part Number 3341-36](image)
**Jack Screw Kits**

### 3M Part Number 3342-1

**Kit Contents:**
- 2 - Clips
- 2 - Jack Screws

- Material: Steel
- Finish: Zinc with Clear Chromate
- Thread size: #4-40
- Recommended Max. Torque: 7.0 inch·lbf [0.8 N·m]

### 3M Part Number 3342-2

**Kit Contents:**
- 2 - Spacers
- 2 - Jack Screws

- Material: Steel
- Finish: Zinc with Clear Chromate
- Thread size: #4-40
- Recommended Max. Torque: 7.0 inch·lbf [0.8 N·m]

### 3M Part Number 3342-3

**Kit Contents:**
- 2 - Screws
- 2 - Jack Screws

- Material: Steel
- Finish: Zinc with Clear Chromate
- Thread size: #4-40
- Recommended Max. Torque: 7.0 inch·lbf [0.8 N·m]

### 3M Part Number 3342-4

- Material: Steel
- Finish: Zinc with Clear Chromate
- Thread size: #4-40
- Recommended Max. Torque: 7.0 inch·lbf [0.8 N·m]
### Board Lock Screws
Use to attach connector to printed circuit board. Not for use for panel mounting.

**3M Part Number**
**3344-3**
- Material: Steel
- Finish: Nickel Plated
- Thread size: M2.5
- Recommended Max. Torque: 2.5 inch·lbf [0.3 N·m]

![M2.5 Thread Diagram]

**3M Part Number**
**3344-4**
- Material: Steel
- Finish: Nickel Plated
- Thread size: #4-40
- Recommended Max. Torque: 3.5 inch·lbf [0.4 N·m]

![#4-40 Thread Diagram]

### Panel Mount Screws
Use to attach connector to panel or chassis. Not for use for PCB mounting.

**3M Part Number**
**3344-26**
- Material: Steel
- Finish: Zinc
- Thread size: M2.6
- Recommended Max. Torque: 2.5 inch·lbf [0.3 N·m]

![M2.6 Thread Diagram]

**3M Part Number**
**3344-38**
- Material: Steel
- Finish: Zinc
- Thread size: M2.5
- Recommended Max. Torque: 2.5 inch·lbf [0.3 N·m]

![M2.5 Thread Diagram]

**3M Part Number**
**3344-44**
- Material: Steel
- Finish: Zinc
- Thread size: #4-40
- Recommended Max. Torque: 3.5 inch·lbf [0.4 N·m]

![#4-40 Thread Diagram]

**3M Part Number**
**3344-45**
- Material: Stainless Steel
- Thread size: M2.5
- Recommended Max. Torque: 2.5 inch·lbf [0.3 N·m]

![M2.5 Thread Diagram]
Bail Mount Kits for D Ribbon Connectors

Kits Contain 2 ea.
Bail Assy.
Screw - 4-40 x .50 RND HD SLTD
Nut - #4-40 UNC
Washer - Lock-split

Material

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<td>Screw</td>
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<td>Nut</td>
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<td>Washer</td>
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D-Ribbon & Plastic Connectors

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<th>Contact Quantity</th>
<th>Mating Connectors</th>
<th>Junction Shell</th>
<th>Strain Relief</th>
<th>Pull-Tab</th>
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Options:
X = mounting style
Y = "F" for flat cable, "R" for round cable

Inch [mm]

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<td>± .1 ± .01 ± .005</td>
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Dimensions for Reference only

3M Company
For technical, sales or ordering information call
800-225-5373

3M is a trademark of 3M Company.
**Jack Socket Screws**

Use to attach connector to panel or chassis. Not for use for PC board mounting.

**3M Part Number**

12600-S-08

For .03" [0.8 mm] Panel Thickness

Material: Steel
Finish: Nickel Plated
Screw / Socket Thread Size: M2 / M2
Recommended Max. Torque: 2.5 inch·lbf [0.3 N·m]

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<th>Diameter</th>
<th>Depth</th>
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<td>Ø .15</td>
<td>.197</td>
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<td>Ø .15</td>
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**3M Part Number**

12600-S-10

For .04" [1.0 mm] Panel Thickness

Material: Steel
Finish: Nickel Plated
Screw / Socket Thread Size: M2 / M2
Recommended Max. Torque: 2.5 inch·lbf [0.3 N·m]

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<th>Diameter</th>
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**3M Part Number**

12600-S-12

For .05" [1.2 mm] Panel Thickness

Material: Steel
Finish: Nickel Plated
Screw / Socket Thread Size: M2 / M2
Recommended Max. Torque: 2.5 inch·lbf [0.3 N·m]

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<td>.18</td>
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**Board Lock Screw**

Use to attach connector to printed circuit board. Not for use for panel mounting.

**3M Part Number**

3344-46

Material: Stainless Steel
Thread size: M2
Recommended Max. Torque: 2.5 inch·lbf [0.3 N·m]

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### D Sub Connectors

**Mounting Hardware Guide**

**Selection Guide - 9 to 37 Position D Sub Connectors**

1. To mount a connector to a panel, select the correct Jack Socket Kit from table 1.
2. To secure a mating connector to a panel mounted connector, select the correct Jack Screw Kit from table 2.
3. To secure two connectors together in a mid-span application where no panel exists, select both the Jack Socket Kit and Jack Screw Kit from table 2.

#### Panel Mounted Connectors Jack Socket Kits

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<tr>
<th>Panel Thickness</th>
<th>Front Mount Kit</th>
<th>Spacers</th>
<th>Rear Mount Kit</th>
<th>Spacers</th>
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Note: Spacers Placed Under Head of Jack Sockets

#### Connectors with Junction Shells

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<td>3357-65XX</td>
<td>3342-x Supplied</td>
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Notes:
1. Jack Sockets used for MidSpan Applications.
2. Spacers Placed Under Head of Jack Screws.

**Selection Guide - 50 Position D Sub Connectors** See TS-0034 Socket and TS-0035 Plug.


Front Panel Mounted Connectors:
Connectors not designed for this application

Rear Panel Mounted Connectors:
1/16” Panel: 1 Spacer Latch Bracket and Panel
>3/32” Panel: Latch Bracket not designed for these applications.

Mid-Span Applications: Mount Latch Bracket directly to either the Plug or Socket Connector.
Important Notice

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