**Electrical:**
- **Current Rating:** 5A Min. for VBUS, 0.25A Min. for Other
- **Contact Resistance:** < 20 Milliohm Max.
- **Insulation Resistance:** > 1000 MΩ for 1 Minute
- **Dielectric Withstanding Voltage:** 100 VAC for 1 Minute

**Material:**
- **Insulator:** LCP, UL94V-0, Black / Blue
- **Contacts:** Copper Alloy
- **Contact Plating:**
  - Gold Plating over 50μ” Nickel on Contact Area,
  - 80μ” Tin Plating over 50μ” Nickel on Solder Area
- **Shell:** Stainless Steel with 50μ” Nickel Plating

**Mechanical:**
- **Insertion Force:** 5 ~ 20N Max.
- **Withdrawal Force:** 8 ~ 20N Kg
- **Durability:** 10000 Cycles

**How to Order:**
- **Body Style:** 0 - Female Right Angle
- **# of Positions:** 03 - 24 Position Combo SMT & Thru Hole
- **Mounting Style:** 02 - Combo Thru Hole & SMT Thru Hole Shell Legs

**Recommended PCB Layout**

<table>
<thead>
<tr>
<th>Pin</th>
<th>Signal Name</th>
<th>Mating Sequence</th>
<th>Pin</th>
<th>Signal Name</th>
<th>Mating Sequence</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>GND</td>
<td>First</td>
<td>B12</td>
<td>GND</td>
<td>First</td>
</tr>
<tr>
<td>A2</td>
<td>SSTXp1</td>
<td>Second</td>
<td>B11</td>
<td>SSTRx1</td>
<td>Second</td>
</tr>
<tr>
<td>A3</td>
<td>SSTXn1</td>
<td>Second</td>
<td>B10</td>
<td>SSTRx1</td>
<td>Second</td>
</tr>
<tr>
<td>A4</td>
<td>VBUS</td>
<td>First</td>
<td>B9</td>
<td>VBUS</td>
<td>First</td>
</tr>
<tr>
<td>A5</td>
<td>CC1</td>
<td>Second</td>
<td>B8</td>
<td>SBU2</td>
<td>Second</td>
</tr>
<tr>
<td>A6</td>
<td>Dp1</td>
<td>Second</td>
<td>B7</td>
<td>Dn2</td>
<td>Second</td>
</tr>
<tr>
<td>A7</td>
<td>Dn1</td>
<td>Second</td>
<td>B6</td>
<td>Dp2</td>
<td>Second</td>
</tr>
<tr>
<td>A8</td>
<td>SBU1</td>
<td>Second</td>
<td>B5</td>
<td>CC2</td>
<td>Second</td>
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<td>A12</td>
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<td>First</td>
<td>B1</td>
<td>GND</td>
<td>First</td>
</tr>
</tbody>
</table>

**Contact Area Plating:**
- 0 - Au Flash
- 1 - 7μ” Au
- 2 - 10μ” Au
- 3 - 15μ” Au
- 4 - 30μ” Au

**Packaging:**
- 0 - Tray
- 2 - Tape & Reel

**RoHS Compliant**

**USB 3.1 Receptacle, Type C Combo Thru Hole & Surface Mount Contacts,**

- Thru Hole Shell Legs

**Additional Notes:**
- Added White Ins. Option
- Revised “0” Plating Option from 4μ” to Au Flash