**ELECTRICAL:**
- **CURRENT RATING:** 5A Min. for VBUS, 1.25A Min. for Other
- **CONTACT RESISTANCE:** < 40 milliohm Max.
- **INSULATION RESISTANCE:** > 100 Mgeaohm Min.
- **DIELECTRIC WITHSTANDING VOLTAGE:** 100 VAC for 1 Minute
- **OPERATING TEMPERATURE:** -40° C ~ 85° C

**MATERIAL:**
- **INSULATOR:** LCP, UL94V-0
- **CONTACTS:** Copper Alloy
- **CONTACT PLATING:** Gold Plating over 50u" Nickel on Contact Area, 80u" Tin Plating over 50u" Nickel on Solder Area
- **SHELL:** Stainless Steel with 50u" Nickel Plating

**Mechanical:**
- **INSERTION FORCE:** 5 ~ 20N Max.
- **WITHDRAWAL FORCE:** 6 ~ 20N Kg
- **DURABILITY:** 10,000 Cycles

**HOW TO ORDER:**

<table>
<thead>
<tr>
<th># OF POSITIONS</th>
<th>MOUNTING STYLE</th>
<th>CONTACT AREA PLATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>02 - 24 Position SMT Straddle PCB</td>
<td>14- Surface Mount Male, Right Angle with SMT Shell Legs Straddle Mount</td>
<td>0 - 4u&quot; Au, 1 - 7u&quot; Au, 2 - 10u&quot; Au, 3 - 15u&quot; Au, 4 - 30u&quot; Au, 5 - 2u&quot; Au Over 30u&quot; Pd/Ni</td>
</tr>
</tbody>
</table>

**RECOMMENDED PCB LAYOUT**

**PACKAGING**
- 0 - Tray
- 3 - Tape & Reel + Cap

**RoHS COMPLIANT**

**SMP TECHNOLOGY, INC.**

USB 3.1 Male Connector, Surface Mount , Shell & Contacts