The SOLO series 9258 is a one-piece connector used to connect two PCBs in a cost effective manner. This connector is a 1.0mm pitch available in an 8 position with stack heights of 0.40mm and 0.80mm. It is available with or without location bosses. This connector is designed for PCB surface mounting and is supplied in tape and reel packaging. Gold plated pads on the mating PCB or suitable flex circuits provide connection between the boards.

APPLICATIONS
- Mobile phones
- Handheld scanners
- Portable medical devices
- Display interface

ELECTRICAL
- Current Rating: 1 Amp/Contact
- Voltage Rating: 125V
  Based on placement distance

ENVIRONMENTAL
- Operating Temperature:
  -55°C to +125°C

MECHANICAL
- Insulator Material: High Temperature Plastic; UL94 V-0
- Contact Material: Beryllium Copper
- Plating: Gold over Nickel
- Durability: 50 Cycles

HOW TO ORDER

<table>
<thead>
<tr>
<th>Prefix</th>
<th>00</th>
<th>Series</th>
<th>9258</th>
<th>Number of Ways</th>
<th>008</th>
<th>Connector Height</th>
<th>00X</th>
<th>06</th>
<th>X</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code</td>
<td>Stack Height</td>
<td>Contact Height</td>
<td>Qty</td>
<td>Plating Variation</td>
<td>0.40mm</td>
<td>1.00-1.30</td>
<td>No. of Ways</td>
<td>Selective Gold</td>
<td>0.25µm Gold Plated Contact Nose Pure Tin Tail</td>
</tr>
<tr>
<td>004</td>
<td>0.40mm</td>
<td>1.00-1.30</td>
<td>No. of Ways</td>
<td>3</td>
<td>With SMT PCB Location Bosses (bottom side)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>008</td>
<td>0.80mm</td>
<td>1.40-1.70</td>
<td>No. of Ways</td>
<td>4</td>
<td>With SMT and Mating PCB Location Bosses (top and bottom side)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PCB Location Bosses
1 = With PCB Location Bosses (top side)
2 = Without PCB Location Bosses
3 = With SMT PCB Location Bosses (bottom side)
4 = With SMT and Mating PCB Location Bosses (top and bottom side)
Ultra Low Profile Stacker: BTB

0.4MM ULTRA LOW PROFILE STACKER

NOTES:
1. 8 WAY ULTRA LOW PROFILE STACKER IN 0.8MM STACK HEIGHT.
2. INSULATOR MATERIAL: NYLON 46 HF5040, 40% GLASS FILLED UL94 V-0. COLOR BLACK.
3. CONTACT MATERIAL: 0.10MM THICK BeCu.
4. CONTACT PLATING: NICKEL UNDERPLATE, SELECTIVE GOLD PLATED CONTACT NOSES PURE TIN PLATED CONTACT SMT TAILS.
5. PARTS TO BE PACKED IN TAPE AND REEL. QTY: 1200.
6. ALL DIMENSIONS FOR REFERENCE UNLESS TOLERANCED.
7. FOR FURTHER INFORMATION REFER TO SPECIFICATION 201-01-115.

PROPOSED SMT PCB LAYOUT
ALL PADS PURE TIN PLATE

PROPOSED MATING PCB LAYOUT
ALL PADS GOLD PLATE

PACKING TAPE DETAILS

WITH MATING PCB LOCATION BOSSES (TOP SIDE)

WITHOUT PCB LOCATION BOSSES

WITH SMT PCB LOCATION BOSSES (BOTTOM SIDE)

WITH PCB AND SMT LOCATION BOSSES
Ultra Low Profile Stacker: BTB

00-9258

0.8MM ULTRA LOW PROFILE STACKER

NOTES:
1. 8 WAY ULTRA LOW PROFILE STACKER IN 0.4MM STACK HEIGHT.
2. INSULATOR MATERIAL: NYLON 46 HF5040, 40% GLASS FILLED UL94 V-0.
   COLOR BLACK.
3. CONTACT MATERIAL: 0.10MM THICK BeCu.
4. CONTACT PLATING: NICKEL UNDERPLATE, SELECTIVE GOLD PLATED CONTACT
   NOSES PURE TIN PLATED CONTACT SMT TAILS.
5. PARTS TO BE PACKED IN TAPE AND REEL, QTY: 1400.
6. ALL DIMENSIONS FOR REFERENCE UNLESS TOLERANCED.
7. FOR FURTHER INFORMATION REFER TO SPECIFICATION 201-01-115.

PROPOSED SMT PCB LAYOUT
ALL PADS PURE TIN PLATE

PROPOSED MATING PCB LAYOUT
ALL PADS GOLD PLATE

PACKING TAPE DETAILS

WITH MATING PCB LOCATION BOSSES
(TOP SIDE)

WITHOUT PCB LOCATION BOSSES

WITH SMT PCB LOCATION BOSSES
(BOTTOM SIDE)

WITH PCB AND SMT LOCATION BOSSES