SLIMSEAL CONNECTOR
Miniature Series Headers

TE Connectivity (TE)’s SlimSeal connector Miniature series is a dust and waterproof, IP67-rated connector system suitable for harsh environment applications such as outdoor lighting and other high humidity applications. This wire-to-board and wire-to-wire connector system is a space-saving solution available in two and three position configurations. A robust press-to-release spring latch ensures that connector mating is secure. Availability in different colors enables easy identification and flexibility in design.

Applications
• Outdoor lighting
• Digital signage
• Parking garages
• Public transport stations
• Commercial refrigeration lighting
• Kitchen appliances
• HVAC equipment
• Communication systems
• Security
• Trailer lighting

Benefits
• Save PCB space with a compact design
• Achieve an ideal solution for dust and waterproof applications with an IP67 rated connector
• Positive latching prevents inadvertent un-mating
• Pre-assembled seals reduce assembly time

Electrical
• Current rating:
  18 AWG - 20 AWG: 5A Max.
  22 AWG: 3A Max.
• Voltage rating:
  Wire-to-board: 250VAC Max.
  Wire-to-wire: 400VAC Max.
• Dielectric withstanding voltage:
  Wire-to-board: 1500VAC
  Wire-to-wire: 1800VAC

Mechanical
• Operating temperature: -40°C to +105°C
• Durability: 30 cycles
• Waterproof level: IP67

Specifications
• Application Specification:
  Wire-to-board: 114-137266
  Wire-to-wire: 114-137093
• Product Specification:
  Wire-to-board: 108-137266
  Wire-to-wire: 108-137093
• UL1977 Approval

Colors
• Natural
• Black
• Red
• White

Materials
• Housing: LCP, UL 94 V-0
• Contact: Copper alloy with tin plating
• Seal: Rubber
### Product Selection Information

#### Receptacle Miniature Waterproof Headers

<table>
<thead>
<tr>
<th>Description</th>
<th>Position</th>
<th>Color</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vertical Surface Mount</td>
<td>2</td>
<td>Natural</td>
<td>1-2834235-2</td>
</tr>
<tr>
<td>Vertical Surface Mount</td>
<td>3</td>
<td>Natural</td>
<td>1-2834235-1</td>
</tr>
<tr>
<td>Right Angle Surface Mount</td>
<td>2</td>
<td>Natural</td>
<td>1-2834236-2</td>
</tr>
<tr>
<td>Right Angle Surface Mount</td>
<td>3</td>
<td>Natural</td>
<td>1-2834236-1</td>
</tr>
<tr>
<td>Vertical Thru Board</td>
<td>2</td>
<td>Natural</td>
<td>1-2834237-2</td>
</tr>
<tr>
<td>Vertical Thru Board</td>
<td>3</td>
<td>Natural</td>
<td>1-2834237-1</td>
</tr>
<tr>
<td>Right Angle Thru Board</td>
<td>2</td>
<td>Natural</td>
<td>1-2834238-2</td>
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<tr>
<td>Right Angle Thru Board</td>
<td>3</td>
<td>Natural</td>
<td>1-2834238-1</td>
</tr>
</tbody>
</table>

**Note:** Mates with Miniature waterproof connector plug. Thru board product also available in red, black and white.

### Plug and Receptacle Miniature Waterproof Connector

<table>
<thead>
<tr>
<th>Description</th>
<th>Position</th>
<th>Type</th>
<th>Color</th>
<th>Part Number</th>
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</thead>
<tbody>
<tr>
<td>Miniature Waterproof Connector</td>
<td>2</td>
<td>Plug</td>
<td>White</td>
<td>1-2834074-2</td>
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<tr>
<td>Miniature Waterproof Connector</td>
<td>3</td>
<td>Plug</td>
<td>White</td>
<td>1-2834074-3</td>
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<tr>
<td>Miniature Waterproof Connector</td>
<td>2</td>
<td>Receptacle</td>
<td>White</td>
<td>1-2834075-2</td>
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<tr>
<td>Miniature Waterproof Connector</td>
<td>3</td>
<td>Receptacle</td>
<td>White</td>
<td>1-2834075-3</td>
</tr>
</tbody>
</table>

**Note:** Miniature waterproof plug and receptacle product also available in red and black.

Pre-terminated plug cable assemblies available, reference Customer Drawing 2834182.

Pre-terminated receptacle cable assemblies available, reference Customer Drawing 2834183.

### Socket and Pin Contacts

<table>
<thead>
<tr>
<th>Description</th>
<th>Contact Plating</th>
<th>Reel Quantity</th>
<th>Part Number</th>
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</thead>
<tbody>
<tr>
<td>Socket Contact</td>
<td>Tin</td>
<td>10,000</td>
<td>1-2834067-2</td>
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<tr>
<td>Socket Contact</td>
<td>Tin</td>
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<tr>
<td>Pin Contact</td>
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<td>10,000</td>
<td>1-2834068-2</td>
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<td>Pin Contact</td>
<td>Tin</td>
<td>1,000</td>
<td>2-2834068-2</td>
</tr>
</tbody>
</table>

**Note:** Contact application tooling, see Application Specification 114-137093, Sec. 5.

Au plated contact option for wire-to-wire applications.
Dimensions

Vertical Surface Mount PN: 1-2834235-1 & 1-2834235-2

Vertical Thru Board PN: 1-2834237-1 & 1-2834237-2

Right Angle Surface Mount PN: 1-2834236-1 & 1-2834236-2

Right Angle Thru Board PN: 1-2834238-1 & 1-2834238-2

Plug and Receptacle Miniature Waterproof Connector

Plug

Receptacle

Note: Plugs mate with headers shown above and with the receptacles to the right.

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