Ultimate Miniature Size Connector with Integral Cable Clamp Cap

SMPW-CC Series

- Integral Cap+Cable Clamp
- Strain Relief With Grommet
- Captive Cover Screws
- Captive Clamp Screws
- Accepts Stranded or Solid Wire as Small as 40 AWG Up to 20 AWG, or Overbraid, TWSH, Armored Up to 5.5 mm (0.22") OD
- Contact Washers for Quick Connect Wire Termination
  - Use Straight Wire
  - No Wire Loop Required
- Internal Wire Divider
- Write-On Window
- Combination Phillips/Slot Screws
- 100% Top Side Assembly
- Glass Filled Nylon Rated From -29 to 180°C (-20 to 356°F)
- Sold in Single Connector or Bulk Pack of 5, 50, 100

Note: Minor discoloration of connector may occur between 150°C (302°F) and 180°C (356°F). Electrical properties are not affected.

Reduce Assembly Time From 3 Minutes to Less Than 1 Minute!

Incredible Labor Saver! No Loose Screws, All Cover Screws Are Captive!

Terminate straight wire, wire loop not necessary.

In Bulk packing Grommets sold separately, Single connectors pack Grommets are included

Contact washers.

All screws are combination head.

Back plate ¾" supplied adjustable to hold 40 AWG to 5.5 mm (0.22") OD.

Images are for referance only.

Terminate straight wire, wire loop not necessary.

Images are for referance only.

Incredible Labor Saver! No Loose Screws, All Cover Screws Are Captive!

Side Load Equal to Stainless Steel

Images are for referance only.

Reduce Assembly Time From 3 Minutes to Less Than 1 Minute!

SMPW-CC-K-M shown larger than actual size.

SMPW-CC-K-F shown larger than actual size.
Quick Assembly Tool!

1. Place back plate and SMPW body
2. Terminate straight wire
3. Tighten captive screws

SMP-CC-TOOL shown smaller than actual size.

Male Connector

Female Connector

Ø = diameter
Dimensions: mm (inch)

WILL CLAMP FROM 40 AWG WIRE UP TO 5.5 (0.22) SOFT OR ARMORED CABLE

Pull Test Highest Rating
To order solid pin male connectors, add suffix “-S” to the model number for additional cost. Ordering Example: OSTW-CC-K-M, clamp cap, Type K, hollow pin male.

Note: Bulk packaging options available OSTW-CC-*-*-*-, where * Calibration type, ** M or F, *** 5, 50 or 100 pkg qty.

### Bulk Packaging, the Wire/Connector and Clamp Grommets Sold Separately.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Inside Dia (mm)</th>
<th>Outside Dia (mm)</th>
<th>Length (mm)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SR-SMP-*</td>
<td>1.59 (0.063)</td>
<td>4.77 (0.188)</td>
<td>6.35 (0.25)</td>
<td>Strain relief Silicone Wire Grommet</td>
</tr>
<tr>
<td>SSRT-CC-018-()</td>
<td>3.18 (0.125)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SSRT-CC-332-()</td>
<td>2.38 (0.094)</td>
<td>4.77 (0.188)</td>
<td>6.35 (0.250)</td>
<td>Silicon Clamp Grommet</td>
</tr>
<tr>
<td>SSRT-CC-116-()</td>
<td>1.59 (0.063)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SSRT-CC-132-()</td>
<td>0.79 (0.032)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Insert package QTY: Select from 5, 10, 50, 100

### To Order

<table>
<thead>
<tr>
<th>Alloy Code</th>
<th>Compensating Alloy Used in Connector</th>
<th>ANSI Color Code</th>
<th>Glass-Filled Nylon Model No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>K</td>
<td>CHROMEGA™ ALOMEGA™</td>
<td>Yellow</td>
<td>SMPW-CC-K-M SMPW-CC-K-F</td>
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<tr>
<td>T</td>
<td>Copper Constantan</td>
<td>Blue</td>
<td>SMPW-CC-T-M SMPW-CC-T-F</td>
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<tr>
<td>J</td>
<td>Iron Constantan</td>
<td>Black</td>
<td>SMPW-CC-J-M SMPW-CC-J-F</td>
</tr>
<tr>
<td>E</td>
<td>CHROMEGA Constantan</td>
<td>Purple</td>
<td>SMPW-CC-E-M SMPW-CC-E-F</td>
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<tr>
<td>R/S</td>
<td>Copper RNX/SNX</td>
<td>Green</td>
<td>SMPW-CC-R/S-M SMPW-CC-R/S-F</td>
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<tr>
<td>C</td>
<td>CPX CNX</td>
<td>Red</td>
<td>SMPW-CC-C-M SMPW-CC-C-F</td>
</tr>
<tr>
<td>U</td>
<td>Copper Copper</td>
<td>White</td>
<td>SMPW-CC-U-M SMPW-CC-U-F</td>
</tr>
<tr>
<td>N</td>
<td>OMEGA-P™ OMEGA-N™</td>
<td>Orange</td>
<td>SMPW-CC-N-M SMPW-CC-N-F</td>
</tr>
</tbody>
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